3 1761 03560 9585

Digitized by the Internet Archive
in 2008 with funding from
Microsoft Corporation

http://www.archive.org/details/michiganbibliogr02michuoft

g1
acct to
nch. Hist. Com

16243m
Michigan Historical Commission

Michigan Bibliography

A PARTIAL CATALOGUE OF BOOKS, MAPS, MANUSCRIPTS AND MISCELLANEOUS MATERIALS RELATING TO THE RESOURCES, DEVELOPMENT AND HISTORY OF MICHIGAN FROM EARLIEST TIMES TO JULY 1, 1917; TOGETHER WITH CITATION OF LIBRARIES IN WHICH THE MATERIALS MAY BE CONSULTED, AND A COMPLETE ANALYTIC INDEX BY SUBJECT AND AUTHOR

Prepared by
FLOYD BENJAMIN STREETER

A. D. MDCCCXXXV

173217
21/8/22

VOLUME II

Michigan Historical Commission
Lansing, 1921

II

MAPS AND ATLASES

Mr. William L. Jenks furnished the list of maps in the Port Huron Public Library, the Library of the Wisconsin State Historical Society and a partial list of those in the Library of Congress. The remainder of the titles of maps in the Library of Congress are taken from Phillips: A list of maps of America in the Library of Congress . . . Washington, Govt. print. off., 1901. The titles of atlases in the Library of Congress are taken from Phillips: A list of geographical atlases in the Library of Congress . . . 3 v. Washington, Govt. print. off., 1909-1914.

A

GREAT LAKES REGION AND OLD NORTHWEST

7073. Amerique septentrionale. Par N. Sanson d'Abbeville, geog. du roy. Avec privilege du roy pour vingt ans. A. Paris, Chez l'auteur et chez Pierre Mariette, rue S. Jacques a L'Esperace, 1650. —— B.

7074. Le Canada, ou Nouvelle France, &c. Tiree de diverses relations des François, Anglois, Hollandois, &c. Par N. Sanson d'Abbeville, geographe ordre du roy. Avecq privilege pour vingt ans. A Paris, Chez l'auteur, 1657. —— B.

Ibid. (In Sanson, N. L'Amériqve en plvsiever cartes. Paris, l'Avt heur, 1657, no 2). —— L C.

7075. Carte du Canada et des terres decouuertes vers le Lac d'Erie. Voir la lettre de M. Talon du 10 Fbre. 1670. —— B.

Copy of map in Harvard University.

7076. Le Canada faict par le Sr. de Champlain, ou sont la Nouvelle France, la Nouvelle Angleterre, la Nouvelle Holande, la Nouvelle Svede, la Virginie etc. Avec les nations voisines et autres terres nouuellement decouuertes. Suiuant les memoires de P. Du Val, geographe du roy. [n. p., 1670?]. —— M H C.

Undated, but about 1670. This is a very rare map; the plate was reissued several times, first probably in 1653. The configurations of the lakes are very curious.

7077. Map of a portion of North America from the great lakes to the gulf of Mexico, and from the River Mississippi to the Atlantic Ocean. [1680].

(In Hulbert, Archer Butler. The crown collection of photographs of American maps, selected and ed. by Archer Butler Hulbert . . . Cleveland, A. H. Clarke company, 1904-1908. Series III, plates no. 1, 2, 3, and 4). —— S.

7078. **North America** divided into its principall parts where are distinguished the severall states which belong to the English, Spanish, and French. To the Most Serene and Most Sacred Majesty of Charles II, by the grace of God King of Great Brittain, France, and Ireland, this map of North America, is humbly dedicated, and presented, by your majesties loyal subject, and servant William Berry. [n. p., 1680?]. —— M H C.

Undated. Colored outlines. Shows North America and the northern part of South America. California appears as an island.

7079. **Amerique septentrionale** divisée en ses principales parties. Presenté a Monseigneur le Duc de Bourgogne par son tres-humb et tres obeissa seruiteur, H. Jaillot. A. Paris, 1694. —— M H C.

Colored outlines. Shows North America and the northern part of South America. California appears as an island.

7080. **A new map** of the English Empire in America viz, Virginia, Maryland, Carolina, New York, New Jersey, New England, Pennsylvania, Newfoundland, New France &c., by Rob: Morden. [London? 1695]. —— M H C.

7081. **Carte** du Canada ou de la Nouvelle France & des découvertes quiy ont été faites dressée sur les observations les plus nouvelles, & sur divers momoires tant manuscripts qu'impremiez. [Amsterdam, 1705?]. —— B.

Ibid. (In châtelain, H. A. Atlas historique. [anon.]. Amsterdam, 1705-1720, v. 6, p. 82). —— L C.

7082. **North America;** corrected from the observations communicated to the Royal society at London, and the Royal academy at Paris. By John Senex, F. R. S. [London] 1710. —— B.

Ibid. John Senex sculpt. [London, 1710]. (In American maps, v. 3, no. 14). —— L C.

7083. **A map** of New France containing Canada, Louisiana &c. in Nth. America according to the patent granted by the King of France to Monsieur Crozat, dated the 14th of Sep. 1712. N. S. and registered in the Parliament of Paris the 24th of the same month. By H. Moll, geographer. [n. p., 1712]. —— B.

A smaller copy in Hulbert, Archer Butler. The crown collection of photographs of American maps, selected and ed. by Archer Butler Hulbert . . . Cleveland, The A. H. Clarke company, 1904-1908, series III, plates no 13-16. —— ,S.

7084. **Carte** de la Nouvelle France, où se voit le cours des grandes rivieres de S. Laurens & de Missisipi aujour d'hui S. Louis, aux environs des-quelles se trouvent les etats, pais, nations, peuples & c. de la Floride, de la Louisiane, de la Virginie, de la Marie-Lande, de la Pensilvanie, du Nouveau Jersay, de la Nouvelle Yorck, de la Nouv. Angleterre, de L'Acadie, du Canada, des

Esquimaux, des Hurons, des Iroquois, des Illinois &c. Et de la Grande Ile de Terre Neuve: Dressée sur les memoires les plus nouveaux recueillis pour l'etablissement de la compagnie Françoise Occident. [By Nicolas de Fer?]. [n. p., 1718?]. —— B; G; M H C.

This is undoubtedly a reduced copy of a larger map issued in 1718, by De Fer.

7085. **Carte** tres curieuse de la Mer du Sud, contenant des remarques nouvelles et tres utiles non seulement sur les ports et iles de cette mer, mais aussy sur les principaux pays de l'Amerique tant septentrionale que meridionale, avec les noms & la route des voyageurs par qui la decouverte en a été faite. Le tout pour l'intelligence des dissertations suivantes. [By Nicholas de Fer?]. [n. p., 1719?]. —— M H C.

Unsigned and undated. Uncolored. Printed in two halves, the upper showing North America and the lower showing South America. Embellished with fine engravings appearing as insets.

Ibid. (In Chatelain, H. A. Atlas historique. [anon.]. Amsterdam, 1705-1720, v. 6, p. 117). —— L C.

7086. **Amplissimae regionis Mississipi** seu Provinciae Ludovicionae a R. P. Ludovico Hennepin Francisc Miss in America septentrionali anno 1687 detectae, nunc gallorum coloniis et actionum negotiis toto orbe celeberrimae nova tabula edita à Io. Bapt. Homanno, S. C. M. geographo. Norimbergae [1720]. —— M H C.

Ibid. (In Homann Johann Baptist. Atlas geographicus major. Norimbergae, Homanniani heredibus, 1759, v. 1, no. 139). —— L C.

7087. **A new map** of the north parts of America claimed by France under ye names of Louisiana, Mississipi, Canada and New France with ye adjoyning territories of England and Spain . . . laid down according to the newest and most exact observations by H. Moll, geographer. 1720. London, H. Moll [1720]. —— B; L C; M H C.

7088. **Amerique septentrionale** publiée sous les auspices de Monseigneur le Duc d'Orleans, premier prince du sang. Par le Sr. d'Anville, MDCCXLVI. Avec privilege. A Paris, Chez l'auteur, aux galeries du Louvre. [1746]. —— M H C.

Colored outlines.

Ibid. (In his Atlas general. Paris, 1727-1780, no. 10-11). —— L C.

7089. **Amerique septentrionale,** dressée, sur les relations les plus modernes des voyageurs et navigateurs, et divisée suivant les differentes possessions des Europëens; par le Sr. Robert de Vaugondy . . . [n. p., 1750]. —— G.

7090. **Carte** des pays connus sous le nom de Canada, dans laquelle sont distinguées les possessions Françoises, & Angl. Dédiée et présentée a Monseigneur la Comte d'Argenson, ministre sécrétaire d'etat pour le department de la guerre, par le Sr. Robert de Vaugondy, fils, géographe ordinaire du roi. A Paris, Ches l'auteur, quai de l'horlog du palais proche le pont-neuf, avec privilege, 1753. —— M H C.

7091. **Canada,** Louisiane et terres Angloises, par le Sr. d'Anville, de l'académie rle. des inscriptions et belles lettres, et de celle des sçiences de Petersbourg, sécretaire de S. A. S. Mgr. le Duc d'Orleans. Novembre, MDCCLV. Sous le privilege de l'académie, chez l'auteur: aux galeries du Louvre. [n. p., 1755]. —— M H C.

7092. **Partie** occidentale de la Nouvelle France ou du Canada par Mr. Bellin, ingenieur du roy et de la marine pour seruir à l'intelligence des affaires et de l'état présent en Amérique, communiquée au public par les héritiers de Homan, en l'an 1755. [n. p.] 1755. —— S.

Ibid. (In Homann, J. B. Atlas geographicus major. Norimbergae, Homannianis heredibus, 1759, v. 1, no. 145). —— L C.

The map in the State Library is undoubtedly a copy of the map in Homann's Atlas.

7093. **Carte** des possessions Angloises & Françoises du continent de l'Amérique septentrionale. [n. p.] 1755. —— S.

7094. **North America.** From the French of Mr. d'Anville. Improved with the back settlements of Virginia and course of Ohio. Illustrated with geographical and historical remarks. May 1755. Published according to act by Thos. Jefferys, geographer to His Royal Highness the Prince of Wales, near Charing Cross. [n. p., 1755]. —— L C; M H C.

Colored. Shows that portion of the United States and Canada lying east of the longitude of the Mississippi.

Ibid. (In Jefferys, T. The natural and civil history of the French dominion in N. & S. America. London, 1760, pt. 1, p. 134). —— L C.

7095. **A map** of the British and French dominions in North America with the roads, distances, limits, and extent of the settlements, humbly inscribed to the Right Honourable, the Earl of Halifax and the other Right Honourables, the Lords Commissioners for trade plantations, by their lordships most obliged and very humble servant, Jno. Mitchell. Printed for Jefferys and Faden, geographers to the king at the corner of St. Martins Lane, Charing Cross. London [1755]. —— G; M H C; U.

7096. **Partie** de l'Amérique septentrionale, qui comprend le cours de l'Ohio, la Nlle. Angleterre, la Nlle. York, le New Jersey, la Pensylvanie, le Maryland, la Virginie, la Caroline, par le Sr. Robert de Vaugondy . . . . [n. p.] 1755. —— G.

7097. **An accurate map** of the British Empire in Nth America as settled by the preliminaries in 1762. [n. p., 1762?]. —— B.

Ibid. (In The gentleman's magazine. Dec. (Supplement). 1762. London, for D. Henry, 1762, v. 32, p. 603). —— L C.

7098. **The British government** in Nth. America laid down agreeable to the proclamation of Octr. 7, 1763. [n. p., 1763?]. —— B.

7099. **A new map** of North America from the latest discoveries. [anon.]. [n. p.] 1763. —— B; G.

Ibid. (In The London magazine. London, for R. Baldwin [1763], v. 32, Feb. 1763, p. 64). —— L C.

7100. **Carte** du Canada ou de la Nouvelle France et des decouvertes qui y ont été faites. Dressée sur plusieurs observations et sur un grand nombre de relations imprimées ou manuscrites, par Guillaume Del'Isle, géographe de l'Academie royale des sciences. A Paris, Chez l'auteur sur le quai de l'horloge a l'aigle d'or avec privilege de sa maj. pour 20 ans, 1763. —— B.

7101. **A new and accurate map** of the British dominions in America, according to the treaty of 1763; divided into several provinces and jurisdictions projected upon the best authorities and astronomical observations. By Thos. Kitchin, geographer. [n. p., 1766]. —— M H C.

Undated. Uncolored. Shows that portion of the United States and Canada lying east of the longitude of eastern Texas.

Ibid. (In Universal history. The maps and charts of the modern part of the universal history. London, for T. Osborne, 1766). —— L C.

7102. **A map** of the British dominions in North America, according to the treaty in 1763, by Peter Bell, geographer. [n. p.] 1772. —— M H C.

Ibid. (In The history of the British dominions in North America. [anon.]. London, for W. Strahan & T. Becket & co., 1773). —— L C.

7103. **An accurate map** of North America describing and distinguishing the British and Spanish dominions on this great continent, according to the definitive treaty concluded at Paris, 10th Feby. 1763. Also all the West India islands belonging to and possessed by the several European princes and states. The whole laid down according to the latest and most authentick improvements, by Eman Bowen, geogr. to his majesty, and John Gibson, engraver. London, printed for Robert Sayer, 1772. —— M H C.

Ibid. (American maps, v. 2, no. 26-27). —— L C.

7104. **North America** from the French of Mr. d'Anville, improved with the English surveys made since the peace. London, printed for Rob't Sayer & J. Bennett, map & printsellers . . . as the act directs 10 June, 1775. —— B.

Ibid. (In Mills, David. A report on the boundaries of Ontario. Toronto, 1873). —— L C.

7105. **A map** of the British Empire, in North America, by Samuel Dunn, mathematician. Improved from the surveys of Capt. Carver. London, printed for R. Sayer & J. Bennett, map & sea chartsellers, 1776. —— B.

Ibid. (In Jefferies, T. [and others]. The American atlas. London, R. Sayer & J. Bennett, 1776, no. 8). —— L C.

7106. **The British colonies** in North America. Engraved by William Faden, MDCCLXXVII. [n. p., 1777]. —— M H C.

Ibid. (In Faden, William, ed. The North American atlas. London, for W. Faden, 1777. Ed. B., no. 1). —— L C.

7107. **A new and correct map** of North America, with the West India islands. Divided according to the last treaty of peace, concluded at Paris, 10th Feby. 1763 wherein are particularly distinguished the several provinces and colonies, which compose the British Empire, laid down according to the latest surveys and corrected from the original materials, of Gover'r Pownall, member of Parliament. [n. p.] 1777. —— B.

7108. **A new map** of the western parts of Virginia, Pennsylvania, Maryland, and North Carolina; comprehending the River Ohio and all the rivers which fall into it; part of the River Mississippi, the whole of the Illinois River, Lake Erie; part of the lakes Huron, Michigan, &c., and all the country bordering on these lakes and rivers. By Thos. Hutchins . . . London, T. Hutchins, 1778. —— L C; M H C.

Made to accompany his work "A topographical description of Virginia, Pennsylvania, Maryland and North Carolina."

The data relating to Michigan were chiefly collected in 1762 by the author on a trip to the English posts on the lakes.

7109. **Carte** des Etats-Unis de l'Amérique septentrionale, dressée d'après des cartes Anglaises; par M. Brion de la Tour, ingénieur-géographe du roi. A Paris, Chez le S. Desnos, ingénieur-géographe de sa majesté [1780?]. —— S.

Ibid. (In Brion de la Tour, Louis. Almanach intéressant. Paris, 1780). —— L C.

7110. **Carte** de l'Amérique septentrionale, depuis La Baye d'Hudson jusqu'au Missisipi: pour servir aux essais historiques et politques sur la révolution de cette partie du mond . . . [Bruxelles? 1782?]. —— S.

Ibid. (In Hilliard d'Auberteuil, Michel René. Essais historiques et politiques sur les Anglo-Américains. Gravures et cartes. Bruxilles, 1782). —— L C.

7111. . . . **North America** agreeable to the most approved maps and charts, by Thos. Conder. [London, 1782]. —— B.

At top: Engraved for Millar's New complete & universal system of geography.

Ibid. (In Millar, George Henry. The new and universal system of geography. London, for A. Hogg, 1782, p. 788). —— L C.

7112. **A map** of the United States of America, as settled by the peace of 1783. [London] I. Fielding, 1783. —— B.

Ibid. (In The European magazine and London review. 1783. London, for I. Fielding, 1783, v. 4, p. 337). —— L C.

7113. **A new map** of North America, with the West India islands. Divided according to the preliminary articles of peace, signed at Versailles, 20 Jan. 1783, wherein are particularly distinguished the United States, and the several provinces, governments, &c., which compose the British dominions; laid down according to the latest surveys, and corrected from the original materials of Gover'r. Pownall, membr of Parliam't. [n. p.] 1783. —— M H C.

7114. **Carte** generale des colonies Angloises dans l'Amérique septentrionale pour l'intelligence de la guerre présente. D'après des manuscrit Anglais par J. B. Nolin, géographe. Corrigé, augmenté des indications des principaux événemens de la guerre avec le tracée des limites pour constituer le traité de paix proposé entre la couronne de la Grande Bretagne et les Etats Unis.

Par P. Phelipeau, geographe, professeur de mathematique de l'Ecole royale militaire de Londres 1783. Paris, Basset [1783]. —— B; L C.

7115. Charte uber die XIII Vereinigte Staaten von Nord-America, entworfen durch F. L. Gussefeld und herausgegeben von den homannischen erben mit Römisch Kaÿserl. Allergn. Freÿheit, Ao. 1784. [Nuremberg, 1784]. —— L C; S.

In French at top: Les XIII Etats Unis de L'Amerique septentrionale, d'apres les meilleures & speciales cartes Angloises qui ont parues jusqu'ici par F. L. Gussefeld chez les Heritiers de Homann, l'an 1784.

7116. The United States according to the definitive treaty of peace signed at Paris Septr. 3d, 1783 . . . By Wm. McMurray . . . [n. p., 1784?]. —— B; M H C.

7117. A map of the northwest parts of the United States of America (In Bailey, Francis. Pocket almanac for 1785. Philadelphia, F. Bailey [1785]). —— Harvard University Library.

An original copy of this map is in Harvard University Library.

This map was drawn by John Fitch to exhibit the divisions of the Northwest territory as proposed in the ordinance of 1784. It appeared, according to Winsor's Narrative and critical history of America . . . Boston and New York [c1884]-1889, vol. VII, p. 529, in Francis Bailey's Pocket almanac for 1785, size 7½x5, and two years later in John Mc Culloch's Introduction to the hist. of America. It was re-engraved in 1788 for Johann David Schöpf's Reise. (Eng. trans. 1912). In 1790 it appeared in Workman's Elements of geography. It was also issued on a larger scale by the author as above.

Fitch has claims to being the inventor of the first steamboat, and this map was made and sold to obtain money to aid in constructing his first model.

7118. A map of the federal territory [Ohio] from the western boundary of Pennsylvania to the Scioto River laid down from the latest information and divided into townships and fractional parts of townships agreeably to the ordinance of the honle. congress passed in May, 1785. [n. p., 1787]. —— L C.

The map to accompany Manassah Cutler's "An explanation of the map which delineates that part of the federal lands", &c. [anon.]. Salem, 1787.

7119. Map of a part of North America. Showing proposed new western states [1790]. (In Hulbert, Archer Butler. The crown collection of photographs of American maps, selected and ed. by Archer Butler Hulbert. Cleveland, The A. H. Clarke company, 1904-1908, series III, plates no. 9, 10, 11 and 12). —— S.

7120. A map of the northern & middle states; comprehending the western territory & the British dominions in North America. From the best authorities. [n. p., 1792?]. —— B.

Ibid. G. Gonne sculpt. Engraved for Morse's Geography. Published by John Jones. Dublin, 1792. (In Morse, Jedidiah. The American geography. Dublin, for J. Jones, 1792). —— L C.

7121. A new and general map of the middle dominions belonging to the United States of America, viz. Virginia, Maryland, the Delaware-counties, Pennsylvania, New Jersey, &c., with the addition of New York, & of the greatest part of New England, &c., as also of the bordering parts of the British possessions in Canada. London, Laurie & Whittle, 1794. —— M H C.

Shows the portion of the United States lying east of the Mississippi and north of the latitude of the southern boundary of Virginia.

7122. **Map** of the middle states of America. Comprehends New York, New Jersey, Pennsylvania, Delaware and the territory N. W. of Ohio. By J. Russell. (In Russell, J. An American atlas. London, H. D. Symonds & J. Ridgway, 1795, no. 6). —— L C.

7123. **N. W. territory.** (In The United States gazetteer . . . By Joseph Scott. Philadelphia, 1795). —— L C.

The author states in the preface that the maps were drawn and engraved by himself.

7124. **A map** of part of the N. W. territory of the United States. Compiled . . . by Samuel Lewis, 1796. W. Barker, sculp. (In Carey, M. American Atlas. Philadelphia, M. Carey, 1809, no. 24). —— L C.

7125. **N. W. territory.** (In Carey M. American pocket atlas . . . Philadelphia, for M. Carey, 1796, no. 12). —— L C.

7126. **An exact map** of the five great lakes with part of Pensilvania, New York, Canada [etc.]. Jno. Lodge sculp. (In Russell, William. The history of America. London, for Walker, 1800, v. 2. p. 338). —— L C.

7127. **N. W. territory.** (In Carey, M. American pocket atlas; containing nineteen maps . . . with a brief description of each state . . . Philadelphia, for M. Carey, 1801, no. 12). —— L C.

7128. **Map** of the United States exhibiting the post-roads, the situations, connexions and distances of the post-offices, stageroads, counties & principal rivers, by Abraham Bradley, jun'r. Engraved by Francis Shallus, Philadelphia. [Philadelphia, F. Shallus, 1804]. —— L C.

Copyrighted, 1804, by Abraham Bradley. 1st ed. [Philadelphia, 1796]. —— L C.

7129. **Map** of Ohio, Indiana and N. W. territories. (In Carey, M. American pocket atlas . . . 3rd ed. Philadelphia, M. Carey, 1805, no. 12) —— L C.

7130. **A new map** of part of the United States of North America, exhibiting the western territory, Kentucky, Pennsylvania, Maryland, Virginia, &c.; also the lakes Superior, Michigan, Huron, Ontario & Erie, with upper and lower Canada etc. From the latest authorities by John Cary, engraver. 1805. London, J. Cary, 1805. (In Cary, John. New universal atlas. London, for J. Cary, 1808, no. 56). —— B; L C; P H.

7131. **A new map** of part of the United States of North America, exhibiting the western territory, Kentucky, Pennsylvania, Maryland, Virginia, &c.; also the lakes Superior, Michigan, Huron, Ontario & Erie; with upper and lower Canada &c., from the latest authorities. By John Cary. London, 1807. —— G.

7132. Map of the seat of war in North America. 2d ed. with additions & improvements. (In Melish, John. A military and topographical atlas of the United States; including the British possessions and Florida; to which is added a list of the military districts, a register of the army, and a list of the navy of the United States. Philadelphia, G. Palmer, 1813, no. 1). —— L C; P H.

7133. A correct map of the seat of war [1812-15]. Drawn by Sam'l Lewis. Sam'l Harrison, sc. Philadelphia, J. Conrad & F. Lucas [1814]. —— L C

7134. A new improved map of the seat of war. Philadelphia, William McCarty, 1814. —— B.

Also in History of the American war of 1812. 3d ed. [anon]. Philadelphia, M'Carty & Davis, 1817, front. —— L C.

7135. A new map of the seat of war [1812-15]. S. Lewis, del. J. Bower, sct. [Philadelphia, 1815?]. —— L C.

7136. Upper territories of the United States. (In Carey, M. American pocket atlas; containing twenty maps . . . with a brief description of each state and territory . . . 4th. ed. Philadelphia, M. Carey, 1814, no. 12 a). —— L C; P H.

7137. The upper territories of the United States. (In Carey, M. General atlas . . . Philadelphia, M. Carey, 1814, no. 25). —— L C; W.

The same map appears in the Atlas under the same title published by M. Carey & son. Philadelphia, 1818.

7138. Northern provinces of the United States. 1817. (In Thomson, J. A new general atlas . . . Edinburgh, for J. Thomson & co., 1817, no. 56). —— L C.

7139. A new map of part of the United States of North America, exhibiting the western territory, Kentucky, Pennsylvania. Also the lakes Superior Michigan, Huron, Ontario, and Erie, with upper and lower Canada. From the latest authorities. By John Cary, engraver. (In Cary, John. New universal atlas . . . London, J. Cary, 1819, no. 56). —— L C.

7140. Map of the northwestern territories of the United States, showing the track pursued by the expedition under Gov. Cass in 1820. By Henry R. Schoolcraft. (In Schoolcraft, Henry R. Narrative journal of travels from Detroit northwest through the great chain of American lakes to the sources of the Mississippi River in the year 1820, by Henry R. Schoolcraft. Albany. 1821). —— G; L C; S; U.

B

STATE

7141. Geographical, statistical, and historical map of Michigan territory. Drawn by J. Finlayson. Engraved by Young & Delleker. (In A complete historical, chronological, and geographical American atlas . . . Philadelphia, H. C. Carey & I. Lea, 1822, no. 36). —— B; L C; P H; S.

It has text upon the right and left borders giving description and history of the territory. Several editions of the work were issued in English and the same map was used in Buchon's Atlas géographique, statistique, historique et chronologique . . . , with text in French and in Weiland's Atlas von Amerika, with German text.

7142. Michigan. (In Lucas, F. A general atlas containing distinct maps of all the known countries in the world . . . Baltimore. Fielding Lucas, jun., 1823, no. 75). —— L C.

7143. Map of Michigan with part of the adjoining states. By Philu E. Judd. Engraved by J. O. Lewis. [Detroit? 1824?]. —— S.

Original in Michigan State Library.

A reduced copy of this map is in vol. 38 Michigan pioneer and historical collections, and a description of it is on pages 634-5. It was the first map of Michigan based upon actual surveys, and covers only the counties which had been partially or wholly surveyed in 1824: Wayne, Monroe, Lenawee, Washtenaw, Oakland, Macomb, St. Clair.

The engraver, Lewis, lived at Detroit for several years. He issued a portfolio of portraits of Indian Chiefs.

Mr. Judd came to Detroit from Niagara county, New York, was educated as a lawyer, but pursued chiefly other means of livelihood. At the time of his death he was U. S. Inspector of the road built by the government form Detroit to the rapids of the Miami.

7144. Carte, géographique, statistique et historique du territoire Michigan. (In Buchon's Atlas géographique, statistique, historique et chronologique des deux Amériques . . . Paris, J. Carey, 1825, no. 40). —— B; L C.

7145. . . . **Part** of the United States, exhibiting the northwest, Michigan, Indiana and Illinois territory, the states of Kentucky, Ohio, Virginia . . . 1825. (In Cary's New universal atlas . . . London, for J. Cary, 1824-[1825], no. 57). —— L C.

7146. Map of the surveyed part of the territory of Michigan. By O. Risdon, 1825. Engraved by Rawdon, Clark & co., Albany. [Detroit? 1825]. —— B; D; M H C; P H.

This map was drawn on a scale of four miles to an inch, and included only that part of the territory lying east of the meridian line and south of Saginaw Bay, divided at that time into the counties of Monroe, Lenawee, Washtenaw, Wayne, Macomb, Oakland, Shiawassee, Lapeer, St. Clair, Sanilac and Saginaw.

7147. Map of the surveyed part of the territory of Michigan on a scale of eight miles to an inch. By John Farmer, 1826. V. Balch and S. Stiles, engravers, Utica. [Detroit, 1826]. —— B; L C.

Copyright entry 1825.

7148. Map of the states of Ohio, Indiana & Illinois, and part of Michigan territory, compiled from the latest authorities. D. H. Vance, del.; J. H. Young, sc. (In Finley, Anthony. A new American atlas . . . Philadelphia, A. Finley, 1826, no. 11). —— G; L C; M H C; W.

7149. Geographical, statistical and historical map of Michigan territory. Drawn by J. Finlayson. Engrav'd by Young & Delleker. (In Complete historical, chronological and geographical American atlas . . . Philadelphia, H. C. Carey & I. Lea, 1827, no. 36). —— L C; S; W.

7150. Ohio, Indiana and Michigan. Young & Delleker, sc. (In Armroyd, George. A connected view of the whole internal navigation of the United States. [anon.]. Philadelphia, H. C. Carey and I. Lea, 1826). —— L C.

7151. Western states and territories. (In Malte-Brun, C. Universal geography . . . Philadelphia, A. Finley, 1827-1829, no. 34). —— L C.

The same map appeared in an edition of 1832 published by J. Laval and in another of 1837 by Grigg & Elliot. —— L C.

7152. Geographische statistische und historische charte von Michigan. Das gebiet Michigan und das nordwestliche gebiet. 1828 (In Weiland, C. F. [Atlas von America]. [Weimar, Geograph. institut, 1824-1828], no. 28). —— B; L C; P H.

7153. Map of the territories of Michigan and Ouisconsin. By John Farmer. Detroit, J. Farmer, 1830. —— L C; W.

Copyright entry, May 11, 1829.

7154. Gebiet Michigan. Das nordwestliche gebiet (In Schlieben, W. E. A. von. Atlas von Amerika in 30 charten und einem erläuternden texte. Die charten lithographirt, Werner. Leipsig, G. J. Goschen, 1830, no. 6). —— L C.

7155. A new and authentic map of the state of Michigan and territory of Wisconsin. By Thomas R. Tanner. 1830. (In Tanner, Henry S. A new American atlas containing maps of the several states of the North American union . . . Philadelphia, H. S. Tanner, 1839). —— B; L C.

7156. Michigan. Drawn & published by David H. Burr. New York, c1831. —— M H C.

At bottom: Entered according to act of congress in the year 1831 by David H. Burr in the clerk's office of the District court for the southern district of New York.

Ibid. (In Burr, D. H. A new universal atlas . . . New York, D. S. Stone [1835?], no. 44). —— L C.

7157. An improved map of the surveyed part of the territory of Michigan. By John Farmer, 1831. V. Balch and S. Stiles, engravers. New York, 1831. —— B; P H.

Copyright entry, May 11, 1829.

7158. Map of the territories of Michigan and Ouisconsin (pronounced

Wisconsin). On a scale of 30 geographical miles to an inch. By John Farmer of Detroit, 1831. Engraved by Rawdon, Clark & co., Albany, N. Y., 1831. [Detroit, 1831]. —— M H C; P H.

Copyright entry, May 11, 1829.

7159. **Map** of the states of Ohio, Indiana and Illinois, and part of Michigan territory. Compiled from the latest authorities. Published by S. Augustus Mitchell. J. H. Young, sc. Philadelphia, 1831. —— W.

7160. **Ibid.** Philadelphia, 1832. —— P H.

7161. **Map** of the states of Indiana and Ohio with part of Michigan territory. (In An atlas of the United States of North America. London, Simpkins & Marshall; Philadelphia, T. Wardle, 1832, no. 8). —— L C.

7162. **The traveller's pocket map** of Michigan with its canals, roads & distances, by H. S. Tanner. Philadelphia, H. S. Tanner [1832]. —— L C.

7163. **North America,** sheet III; Upper Canada with parts of New York, Pennsylvania and Michigan. Published by Baldwin & Cradock under the superintendence of the Society for the diffusion of useful knowledge. London, 1833. —— G; P H.

7164. **Ibid.** Sheet V; the northwest and Michigan territories. Published by Baldwin & Cradock under the superintendence of the Society for the diffusion of useful knowledge. London, 1838. —— B; P H.

These maps appear in subsequent editions of 1844 and 1853.

7165. **Map** of the states of Ohio, Indiana, and Illinois with the settled part of Michigan. Published by S. Augustus Mitchell. Philadelphia, 1834. —— B.

7166. **A new emigrant's map** of Michigan, with a part of Ohio, Indiana and Illinois. New York, J. Wightman, 1834. —— M H C.

7167. **Michigan** and the great lakes (In Bradford, T. G. Atlas designed to illustrate the abridgment of universal geography, modern and ancient . . . Boston, W. D. Ticknor; New York, F. Hunt & co. [etc.] 1835, no. 14; and In Bradford, T. G. A comprehensive atlas, geographical, historical and commercial. Boston and New York, 1835, no. 16). —— B; L C; P H.

7168. **An improved edition of a map** of the surveyed part of the territory of Michigan. By John Farmer, 1835. [Detroit] engraved by J. Farmer, c1835. —— B; L C; M H C; P H; W.

7169. **Improved map** of the territories of Michigan and Ouisconsin. On a scale of 30 geographical miles to an inch. By John Farmer of Detroit, 1835. Albany, N. Y., Rawdon, Clark & co., 1835. —— L C; M H C; P H.

7170. **Map** of the states of Ohio, Indiana and Illinois, with the settled part of Michigan. Published by S. Augustus Mitchell. Philadelphia, 1835. —— L C; W.

Copyright entry 1834. Engraved by J. H. Young.

7171. **The states** of Ohio, Indiana & Illinois and Michigan territory from the latest authorities. Published by Ezra Strong. New York, 1835. —— M H C; P H.

The north line of the map is north line of Gladwin and Arenac counties.

7172. **Michigan.** (In Tanner, Henry S. Atlas of the United States, containing separate maps of each state and territory of the North American union. Philadelphia, The author, 1835, no. 21). —— L C.

7173. **The tourist's pocket map** of Michigan exhibiting its internal improvements, roads, distances, &c., by J. H. Young. Published by S. Augustus Mitchell. Philadelphia, 1835. —— B; L C; M H C; P H; U.

Copyrighted in 1834. Also used to accompany Lanman, James H. History of Michigan . . . New York, 1839. —— B; G; L C; S; U.

7174. **Map** of the northern parts of Ohio, Indiana and Illinois with Michigan and that part of the Ouisconsin territory lying east of the Mississippi River. By David H. Burr, draughtsman to the house of representatives, 1836. [Washington? 1836?]. —— P H; W.

Also in a collection of maps, charts, drawings, surveys, etc. Published from time to time, by order of the two houses of congress . . . Washington, 1843, no. 41. —— L C.

7175. **An improved edition of a map** of the surveyed part of the territory of Michigan. By John Farmer, 1836. Published by J. H. Colton & co. New York [1836]. —— M H C; P H; W.

Copyright entry, July 4, 1835.

7176. **Improved map** of the territories of Michigan and Ouisconsin. On a scale of 30 geographical miles to an inch. By John Farmer of Detroit, 1836. Engraved by Rawdon, Clark & co. Albany, N. Y. [1836]. —— G; W.

7177. **Map** of the territories of Michigan and Ouisconsin (pronounced Wisconsin). On a scale of 50 geographical miles to an inch. By John Farmer of Detroit, 1836. Engraved by Rawdon, Clark and co. Albany, N. Y. [1836]. —— B; D; P H.

Copyright entry Nov. 9, 1835, by J. H. Colton & co.

7178. **Map** of the states of Ohio, Indiana and Illinois, with the settled part of Michigan. Published by S. Augustus Mitchell. Philadelphia, 1836. —— B.

Copyright entry 1834. Engraved by J. H. Young.

7179. **Traveller's map** of Michigan, Illinois, Indiana and Ohio. Published by Humphrey Phelps & Bela S. Squire, jr. New York, 1836. —— B; P H.

Drawn and engraved by J. T. Hammond, New York.

The upper line of the map crosses the state along the north line of Montcalm and Gratiot counties.

7180. A new map of Michigan. (In Tanner, H. S. A new universal atlas . . . Philadelphia, The author, 1836, no. 25). —— L C.

7181. The tourist's pocket map of Michigan, exhibiting its internal improvements, roads, distances, &c., by J. H. Young. Published by S. Augustus Mitchell. Philadelphia, 1836. —— L C; M H C; P H; W.

Copyright entry 1834. Engraved by J. H. Young.

7182. Map of the surveyed part of Michigan, by John Farmer. Published by J. H. Colton & co. New York, 1837. —— G; P H; W.

Copyright entry 1836. Engraved by S. Stiles & co., N. Y.

7183. Map of the state of Michigan and territory of Wisconsin, with parts of Ohio, Indiana and Illinois, on a scale of 30 miles to an inch. By John Farmer. Published by J. H. Colton. New York, 1837. —— P H.

Copyright entry by J. H. Colton & co., Nov. 9, 1835.

7184. Map of states of Ohio, Indiana and Illinois with the settled part of Michigan. Published by S. Augustus Mitchell. Philadelphia, 1837. —— B.

Copyright entry, 1836. Engraved by J. H. Young.

7185. Steele's map of Ohio, Indiana, Illinois and Michigan. From the latest authorities. Buffalo, 1837. —— P H.

Accompanies Steele, Oliver G. Western guide book and emigrant's directory.

7186. Michigan. Engraved by G. W. Boynton. (In Bradford, T. G. and Goodrich, S. G. A universal, illustrated atlas . . . Boston, C. D. Strong, 1842, no. 23). —— L C.

7187. Map of the states of Ohio, Indiana and Illinois, with the settled part of Michigan. Published by S. Augustus Mitchell. Philadelphia, 1838. —— W.

7188. Map of Michigan & part of Wisconsin territory, exhibiting the post offices, post roads, canals, railroads, &c., by David H. Burr. [n. p., 1839]. —— L C.

7189. A map of Michigan and Wisconsin. (In Burr, David H. Maps of the United States, exhibiting the postoffices and post roads. [Washington? 1839?], no. 12). —— L C; P H.

This map was drawn by Burr who then held the position of geographer to the house of representatives, to exhibit the post offices and post roads, and was made under the direction of the Post Office Dept. The map was evidently drawn with much care and is valuable as showing the extent of settlement at that time.

7190. Map of the states of Ohio, Indiana and Illinois, with the settled part of Michigan. Published by S. Augustus Mitchell. Philadelphia, 1839. —— W.

Copyright entry, 1831.

7191. Map of the surveyed part of Michigan. By John Farmer. Published by J. H. Colton. New York, 1840. —— S.

Engraved by S. Stiles & co. Copyright entry, 1836.

7192. **Traveller's map** of Michigan, Illinois, Indiana and Ohio. Published by Humphrey Phelps & T. Ensign. New York, 1840. —— P H.

Drawn and engraved by J. T. Hammond, New York.

7193. **Guide** through Ohio, Michigan, Indiana, Illinois, Missouri, Wisconsin & Iowa, showing the township lines of the United States surveys, location of cities, towns, villages, post hamlets, canals, rail and stage roads. By J. Calvin Smith. New York, J. H. Colton, 1840. —— S.

7194. **Traveller's map** of Michigan, Illinois, Indiana and Ohio. Published by Humphrey Phelps and T. Ensign. New York, 1841. —— P H.

Drawn and engraved by J. T. Hammond, N. Y.

7195. **Michigan** . . . 1841. (In Tanner, Henry S. A new universal atlas . . . Philadelphia, Carey & Hart, 1842-[1843], no. 25). —— L C; P H.

7196. **Explanations** of the maps accompanying the report from the Secretary of the treasury . . . January 18, 1841. 1 p. 9 maps on 4 l. No. 2, Michigan. (In A collection of maps, charts, drawings, surveys, etc. Published from time to time by order of the two houses of congress . . . Washington, 1843, no. 112-115). —— L C.

7197. **Michigan.** (In Greenleaf, Jeremiah. A new universal atlas . . . Brattleboro, Vt., G. R. French, 1842, no. 44). —— L C.

7198. **Map** of the states of Indiana and Ohio, with part of Michigan territory. Engraved and printed by Fenner Sears & co., London. (In Hinton, J. H. The history and topography of the United States. 3d ed. London, J. Dowding, 1842, v. 1, p. 472). —— L C.

7199. **Guide** through Ohio, Michigan, Indiana, Illinois, Missouri, Wisconsin and Iowa, showing the township lines of the United States surveys. Location of cities, towns, villages, post hamlets, canals, rail and stage roads, by J. Calvin Smith, New York. Published by J. H. Colton. [New York] 1843. —— P H.

7200. **Map** of the state of Michigan and the surrounding country, exhibiting the sections and the latest surveys. Compiled from authentic sources by John Farmer. Detroit, c1844. —— L C; M H C; S.

7201. **Michigan.** 1844. (In Morse, Sidney E. and Breese, S. Morse's North American atlas. New York, Harper & bros., 1842-[45], no. 27). —— L C; P H; W.

The same map appeared in Morse, S. E. and Breese, S. The cerographic atlas of the United States . . . New York, S. E. Morse & co., 1842, no. 25.— L C.

7202. **Guide** through Ohio, Michigan, Indiana, Illinois, Missouri, Wisconsin & Iowa. Showing the township lines of the United States surveys. Locations of cities, towns, villages, post hamlets, canals, rail and stage roads. By J. Calvin Smith. New York, J. H. Colton, 1844. (In Colton, J. H.

Western tourist, or emigrant's guide, [etc., etc.]. New York, J. H. Colton, 1844). —— P H.

7203. **Sketch** of public surveys in Michigan. [n. p., 1844]. (U. S. 28th cong., 2d sess., senate document no. 7). —— W.

7204. . . . **Michigan,** Wisconsin, and part of Iowa . . . (In Olney, J. Olney's school atlas . . . New York, Pratt, Woodford & co. [c1844-1847]. no. [8]). —— L C.

7205. **A new sectional map** of the state of Michigan and territory of Wisconsin. Constructed principally from the United States surveys, by Thomas R. Tanner, 1845. Philadelphia, 1845. —— W.

7206. **Ibid.** Charles E. Ely, sc. Philadelphia, H. S. Tanner, 1846. ——G.

7207. **Sketch** of the public surveys in Michigan. [n. p., 1847]. (U. S. 30th cong., 1st sess., senate executive document no. 2). —— W.

7208. **Ibid.** [n. p., 1848?]. (U. S. 30th cong., 1st sess., senate executive document no. 2). —— W.

7209. **Diagram** of the state of Michigan, showing the districts, surveyed . . . Detroit, 1848. —— W.

Issued by U. S. Surveyor general's office.

7210. **Map** of the state of Michigan and the surrounding country, exhibiting the sections and the latest surveys. Compiled from authentic sources, by John Farmer. 3rd. ed. Detroit, 1849. —— P H; W.

Copyright entry March 11th, 1844.

7211. . . . **Michigan** . . . (In Mitchell, S. A. A new universal atlas . . . Philadelphia, S. A. Mitchell, 1849, no. 29). —— L C.

The atlas was copyrighted in 1846 and passed through many editions. The map of Michigan was revised and changed in subsequent editions.

7212. **Diagram** of . . . Mich. showing the districts embraced in contracts for subdivisions . . . Philadelphia, 1849. —— W.

Issued by U. S. Surveyor general's office.

7213. **Sketch** of the state of Michigan, showing the districts embraced in contracts for township lines north of Grand & Saginaw rivers. [Surveyor-general's office]. Detroit, Nov. 5, 1849. Philadelphia, P. S. Duval, lith. [1849]. —— L C.

7214. **Sketch** of the public surveys in Michigan. [Surveyor-general's office]. Detroit, Nov. 5, 1849. Baltimore, lith. by E. Weber & co. [1849]. —— L C.

7215. **Map** of the surveyed part of Michigan by John Farmer. Published by J. H. Colton. New York, 1850. —— B.

Engraved by S. Stiles & co. Copyright entry 1836 by J. H. Colton & co.

7216. **[Map** of Michigan]. [n. p., n. d.]. —— S.

Hand drawn. Population of the counties for 1840, 1845 and 1850 is given.

7217. **A new map** of Michigan . . . (In Mitchell, S. A. New atlas of North and South America . . . Philadelphia, Thomas, Cowperthwait & co., 1851, no. 27). —— L C.

7218. **Sketch** of the public surveys in Michigan. Detroit, 1851. —— W.

Issued by U. S. Surveyor general's office.

7219. **Map** of the state of Michigan and the surrounding country exhibiting the sections and the latest surveys. Compiled from authentic sources by John Farmer. 23d ed. Detroit, 1852. —— M H C.

7220. **A new map** of Michigan with its canals, roads and distances. Published by Thomas, Cowperthwait & co. (In A new universal atlas . . . of the world . . . [Philadelphia?] Thomas, Cowperthwait & co., 1852, p. 30). —— W.

7221. **Colton's** railroad & township map. Western states. Compiled from United States surveys. Published by J. H. Colton. [New York?] 1853. —— P H.

7222. **Map** of the states of Michigan and Wisconsin embracing a great part of Iowa and Illinois, and the whole mineral region with a chart of the lakes, exhibiting the sections, the geological formations, and the general topography; compiled from the state topographical department, from the latest United States surveys and from other authentic sources. By John Farmer of Detroit, 1853. [Detroit, 1853]. —— G; P H.

7223. **Sketch** of the public surveys in Michigan. Detroit, 1853. —— W.

Issued by U. S. Surveyor general's office.

7224. **Map** of the western states, by J. M. Atwood. Published by Ensign, Bridgman & Fanning. New York, 1854. —— B.

7225. **Michigan.** Published by J. H. Colton. New York, 1854. —— P H; W.

Copyright 1853.

7226. **Map** of the surveyed part of Michigan, by John Farmer. New York, J. H. Colton, 1854. —— G; M H C.

7227. **Map** of the state of Michigan and the surrounding country exhibiting the sections and the latest surveys. Compiled from authentic sources by John Farmer. 23d. ed. Detroit, 1854. —— S.

7228. **Der staat Michigan**—Geologische karte der Insel Royal. (In Lange, H. Atlas von Nord-Amerika . . . Braunschweig, G. Westermann, 1854, no. 10). —— L C.

7229. **Township map** of Michigan. Published by Ensign, Bridgman & Fanning. New York, c1855. —— W.

7230. **Guide** through Ohio, Michigan, Indiana, Illinois, Missouri, Wisconsin and Iowa, showing the township lines of the United States surveys, location of cities, towns, villages, post hamlets, canals, rail and stage roads. By J. Calvin Smith. Published by J. H. Colton, 86 Cedar St. New York, 1885. —— P H.

Copyright J. H. Colton, 1851.

7231. **Map** of the western states, by J. M. Atwood. Published by Ensign, Bridgman & Fanning. New York, 1856. (In Ensign, Bridgman & Fanning's Travellers' guide through the states of Ohio, Michigan, Indiana, Illinois, Missouri, Iowa, and Wisconsin, with railroad, canal, state and steamboat routes; accompanied with a new map of the above states. New York, Ensign, Bridgman & Fanning, 1856). —— P H.

7232. **Michigan,** Wisconsin, Iowa & Minnesota. Drawn and engraved by J. Bartholomew. Printed in colors by Schenck & Macfarlane, Edinburgh. (In Black, A. & C. Black's atlas of North America. A series of twenty maps constructed and engraved by John Bartholomew . . . Edinburgh, A. & C. Black, 1856, no. 9). —— L C.

7233. **A new map** of Michigan with its canals, roads & distances. Published by Charles Desilver. Philadelphia, 1856. —— B.

7234. **Map** of the states of Michigan and Wisconsin, embracing a great part of Iowa, Illinois & Minnesota; and the whole mineral region, with charts of the lakes; exhibiting the sections, the soundings, the geological formations and the general topography compiled from the topographical departments, from the latest geological, nautical and linear surveys, and from other authentic sources. Projected, engraved and published by John Farmer of Detroit. Part first. [Detroit] 1856. —— B; S.

7235. **Michigan.** (In Morse, C. W. Morse's general atlas of the world . . . New York, D. Appleton & co., 1856, no. [31]). —— L C.

7236. **Sketch** of the public surveys in Michigan. Surveyor general's office. Detroit, October 23rd, 1856. Akerman lith. New York [1856?]. —— B.

7237. **Michigan.** (In Colby, Charles Galusha. The diamond atlas . . . The western hemisphere. Published by S. N. Gaston. New York, 1857). —— L C.

7238. **Farmer's** township map of Michigan and Wisconsin embracing part of Iowa, Illinois and Minnesota, with chart of the lakes. Prepared, engraved and published by the author at Detroit. 1857. Detroit, S. Farmer, 1857. —— L C.

7239. **By state authority.** Wisconsin & Michigan. Agencies of the Aetna insurance co. Drawn by Wm. H. Martin. Klauprech & Menzel's lith. Cincinnati. Hartford, Conn., Aetna insurance co., 1858. —— L C.

7240. Map of the states of Michigan and Wisconsin, embracing a great part of Iowa, Illinois & Minnesota; and the whole mineral region, with charts of the lakes; exhibiting the sections, the soundings [etc.]. Projected, engraved and published by John Farmer. Detroit, J. Farmer, 1858. —— L C.

7241. Map of the states of Michigan and the surrounding country. Exhibiting the sections and the latest surveys. By John Farmer, 1859. 23d ed. [Detroit, J. Farmer, 1859]. —— L C.

7242. Colton's [map of] Michigan; published by J. H. Colton. New York, J. H. Colton, 1860. —— G.

7243. Map of the states of Michigan and Wisconsin embracing a great part of Iowa, Illinois & Minnesota; and the whole mineral region, with charts of the lakes; exhibiting the sections, the soundings, the geographical formations and the general topography; compiled from the latest geological, nautical and linear surveys, and from other authentic sources. Projected, engraved and published by John Farmer of Detroit. Part first and second. [Detroit] 1860. —— B; S; U.

Copyright entry September 29th, 1858.

7244. Michigan and Wisconsin. (In Mitchell, S. A. New general atlas . . . Philadelphia, S. A. Mitchell, jr., 1860, no. 34). —— L C.

Maps drawn and engraved by W. Williams.

7245. Map of Michigan. 1860. Published by Schönberg & co. New York [1860?] —— L C.

7246. Geological map of Michigan and Wisconsin, by A. Winchell, Sept. 1860. —— S.

Hand drawn on cloth.

7247. Map of the states of Michigan and Wisconsin, embracing a great part of Iowa, Illinois & Minnesota; and the whole mineral region, with charts of the lakes exhibiting the sections, the soundings, the geological formations & the general topography. Compiled from the topographical departments, from the office of the United States lake surveys, from the latest geological and linear surveys, and from various other authentic and reliable sources. Projected & engraved by John Farmer, C. E. Detroit, Michigan. R. Farmer & co., 1861. —— M H C; P H; S; U.

7248. . . . **Michigan** and Wisconsin. (In Johnson, A. J. New illustrated . . . family atlas, with descriptions, geographical, statistical, and historical. Compiled, drawn and engraved under the supervision of J. H. Colton and A. J. Johnson. New York, Johnson & Ward, 1862, no. 49-50). —— L C.

7249. Farmer's railroad and township map of Michigan and chart of the lakes drawn from U. S. surveys & other authentic sources. Drawn and engraved by John Farmer. Completed and published by R. Farmer & co. Detroit, R. Farmer & co., 1862. —— G; L C; P H.

7250. . . . **Michigan** and Wisconsin . . . (In Johnson, A. J. New illustrated . . . family atlas, with descriptions, geographical, statistical, and historical. Compiled, drawn and engraved under the supervision of J. H. Colton and A. J. Johnson. New York, Johnson & Ward, 1863, no. 49-50). —— L C.

7251. . . . **Michigan** and Wisconsin. 1863. (In Mitchell, S. A. New general atlas . . . Philadelphia, S. A. Mitchell, jr., 1865, no. 41). —— L C.

This map also appeared in editions issued: Philadelphia, S. A. Mitchell, jr., 1866, 1867 and 1870. —— L C.

7252. **Colton's** county and township map of the states of Illinois, Wisconsin, Minnesota, Iowa and Missouri, with parts of Indiana, Michigan, Kansas and Nebraska. New York, J. H. Colton, 1864. —— L C.

7253. **Michigan** & Wisconsin. (In Johnson, A. J. New illustrated . . . family atlas . . . Maps compiled, drawn & engraved under the supervision of J. H. Colton & A. J. Johnson . . . New York, Johnson & Ward, 1864, no. 57-58). —— L C.

7254. **Map** of the state of Michigan and the surrounding country exhibiting the sections and the latest surveys. Compiled from authentic sources, by John Farmer. 23d ed. Detroit, 1864. —— M H C.

7255. **Farmer's** rail road & township map of Michigan and chart of the lakes. From U. S. surveys & other authentic sources. Drawn and engraved by John Farmer, C. E. Completed & published by S. Farmer & co. . . . Detroit, 1864. —— B; G; L C.

7256. **Map** of the state of Michigan. From special surveys and public records, &c. made and collected by and under the direction of Geil & Jones and Geil & Harley, by Samuel Geil, T. E. . . . Philadelphia, Samuel Geil, 1864. —— L C; P H; S; U.

7257. **Farmer's** new sectional map of Wisconsin, embracing part of Illinois, Michigan & Minnesota. Projected and engraved by John Farmer. Detroit and Milwaukee, S. Farmer & co., 1865. —— L C.

7258. **Map** of the state of Michigan from special surveys and public records, &c., made and collected by and under the direction of Geil & Jones and Geil and Harley. By Samuel Geil, T. E. . . . Published by Samuel Geil. Philadelphia, 1865. —— M H C.

7259. **Michigan** and Wisconsin. (In Mitchell, S. A. New reference atlas for the use of colleges, libraries, families and counting houses . . . Philadelphia, E. H. Butler & co., 1865, no. 15). —— L C.

7260. **Ibid.** (In Mitchell S.A. New school atlas . . . Philadelphia, E. H. Butler & co., 1865, no. 15). —— L C.

This map also appeared in edition issued: Philadelphia, E. H. Butler & co., 1871. —— L C.

7261. **Farmer's** railroad & township map of Michigan and chart of the lakes. From U. S. surveys & other authentic sources. Drawn and engraved by John Farmer, C. E. Silas Farmer & co. . . . publishers . . . Detroit, 1866. —— U.

7262. **Schonberg's** map. [New York, Schonberg & co., 1866]. —— L C.

7263. **Map** of Michigan. (In U. S. Dept. of interior. General land office. Maps accompanying the report of the commissioner of the General land office. 1866. [Washington, 1866], no. 4). —— L C.

7264. **Western states.** Michigan, Wisconsin, Minnesota, Iowa, with portions of Illinois & Indiana. (In Bartholomew, J. Black's general atlas of the world . . . New edition. Edinburgh, A. & C. Black, 1867, no. 44). —— L C.

7265. **Map** of the state of Michigan and the surrounding country exhibiting the sections and the latest surveys. Compiled from authentic sources, by John Farmer. 23d. ed. Detroit, J. Farmer, 1867. —— L C; U.

7266. **Colton's** sectional map. New York, G. W. & C. B. Colton & co., 1868. —— L C.

7267. **Farmer's** railroad and township map of Michigan and chart of the lakes, from U. S. surveys and other authentic sources. Drawn and engraved by John Farmer. Detroit, Silas Farmer & co., 1868. —— B; G.

7268. [**Map** of Michigan]. Detroit, Mich., Calvert lith. co., c1869. —— G.

7269. **Colton's** guide map of Michigan. Published by Rufus Blanchard. Chicago, Ill., 1870. —— S.

7270. **Farmer's** railroad & township map of Michigan and chart of the lakes. Detroit, S. Farmer & co., 1871. —— B; L C.

7271. **Sectional map** of the states of Michigan and Wisconsin embracing part of the states of Illinois, Iowa and Minnesota. Compiled from United States land and lake surveys and official state and county records. By Edward Molitor, civil and topographical engineer. Lithographed & published by the Calvert lithographing, engraving and publishing company. Detroit, 1871. —— B; L C; S.

7272. **Post route map** of the states of Michigan and Wisconsin with adjacent parts of Ohio, Indiana, Illinois, Iowa and Minnesota. Designed and constructed under the orders of Postmaster General John A. J. Creswell and Second Assistant Postmaster General Giles A. Smith, by W. L. Nicholson, topographer of P. O. Dept. Washington, 1871. —— G.

7273. **Farmer's** railroad & township map of Michigan and chart of the lakes. Detroit, S. Farmer & co., 1872. —— L C; S.

7274. **Railroad and post office map** of Wisconsin and Michigan. New York, H. H. Lloyd & co., 1872. —— L C.

7275. **Map** of the state of Michigan and the surrounding country exhibiting the sections and the latest surveys. Compiled from the most authentic sources by John Farmer, 1873. Detroit, S. Farmer, 1873. —— B; G; L C.

7276. **Farmer's** railroad & township map of Michigan and chart of the lakes. Detroit, S. Farmer & co., 1873. —— L C.

7277. **Michigan** and Wisconsin; [revised and enlarged]. (In Mitchell, S. A. New general atlas . . . Philadelphia, S. A. Mitchell, 1873, no. [33]). —— L C.

Map also appeared in subsequent editions: Philadelphia, S. A. Mitchell, 1876, 1878, 1879, 1880, 1881, 1882, 1884, 1893.

7278. **Atlas** of the state of Michigan, including statistics and descriptions of the topography, hydrography, climate, natural and civil history, railways, educational institutions, material resources, etc. By Alexander Winchell, LL. D., chancellor of the Syracuse university; Hon. C. D. Walker; Oramel Hosford, esq.; Henry M. Utley, esq.; and Ray Haddock, esq. Drawn, compiled and edited by H. F. Walling, C. E., late professor of civil engineering in Lafayette college . . . Detroit, R. M. & S. T. Tackabury [c1873]. 162 p., incl. 84 maps. —— B; L C; S; U.

7279. **County Atlas** of Michigan. New York, F. W. Beers & co., 1874. 104 p., incl. 40 maps. ——L C.

7280. **Bridgman's** county & railroad township map of Michigan, 1874. New York, E. C. Bridgman, c1874. —— L C; S.

7281. **Colton's** township map of the state of Michigan. Drawn, engraved and published by G. W. & C. B. Colton. New York, 1874. —— B; L C.

7282. **Cram's** new sectional map. Compiled & published by George F. Cram. Chicago, G. F. Cram, 1874. —— L C.

7283. **Map** of the state of Michigan and the surrounding country exhibiting the sections and the latest surveys. Compiled from authentic sources by John Farmer. Detroit, 1874. —— U.

7284. **Colton's** township map of the state of Michigan. Published exclusively for the Michigan state gazetteer & business directory, 1875-6. [New York, G. W. & C. B. Colton & co., 1875]. —— L C.

7285. **Watson's** new county, railroad and distance map of Michigan. [New York, G. Watson, 1875]. —— L C.

7286. **Michigan,** 1876. By J. E. Sherman. [n. p., 1876]. —— S.

Outline map showing the counties. In large type is given the population, value of products, acreage and educational statistics.

7287. **Railroad map** of Michigan prepared for the Commissioner of railroads, by O. W. Gray & son. Philadelphia, 1877. —— S.

At bottom of map: Entered according to act of congress in the year 1874 by G. W. & C. B. Colton & co. in the office of the librarian of congress at Washington.

7288. **Rand, McNally & co's** indexed map of Michigan. Chicago, Rand, McNally & co. [1877]. —— L C.

7289. **Sectional map.** Detroit, R. M. Tackabury [1877]. —— L C.

7290. **Map** of Michigan and Wisconsin, by A. von Steinwehr. [Cincinnati, Van Antwerp, Bragg & co., 1877]. —— L C.

7291. **Michigan.** [Map by G. W. & C. B. Colton & co. anon.]. [New York, G. W. & C. B. Colton & co., 1878]. —— L C.

7292. **P. P. Mast & co's** new map of Ohio, Indiana and Michigan. Prepared by Henry S. Stebbins. Toledo, O., H. S. Stebbins [1878]. —— L C.

7293. **Railroad map** of Michigan, prepared for the Commissioner of railroads by George F. Cram . . . Geo. F. Cram, lith. Chicago, Ill., 1878. —— S.

7294. **Map** of Michigan and Wisconsin. Compiled from the latest authentic sources. Published by H. R. Page & co. Chicago, Ill., 1879. —— M H C.

7295. **Rand, McNally & co's** township, county and railroad map of Michigan. [Chicago, Rand, McNally & co., 1879]. —— L C.

7296. **Michigan.** (In U. S. Dept. of interior. General land office. [Atlas of the states and territories over which land surveys have been extended, 1879]. [New York, J. Bien, 1879], no. 4). —— L C.

7297. **Railroad map** of Michigan. Prepared for the Commissioner of railroads, by Geo. F. Cram. Chicago, 1880. —— B.

7298. **"Wolverine state."** Haskell brothers' county, railroad station, post office and index map of Michigan. Chicago, Haskell bros., 1880. —— L C.

7299. **Geography** of Michigan. By Joseph Estabrook. 12 p., 1 map. (In Van Antwerp, Bragg & co. The eclectic atlas and hand-book of the United States. Cincinnati, New York, Van Antwerp, Bragg & co. [1881], sup. 12). —— L C.

Eclectic series of geographies. Supplements.

7300. **Michigan.** Prepared for the Commissioner of immigration, by Henry S. Stebbins, map engraver, October, 1881. [Chicago, 1881]. —— L C; U.

7301. **Post route map** of the states of Michigan and Wisconsin with adjacent parts of Ohio, Indiana, Illinois, Iowa and Minnesota. Designed and constructed under the orders of Postmaster General John A. J. Creswell and

Second Assistant Postmaster General Giles A. Smith. By W. L. Nicholson, topographer of P. O. Dept. The first edition was issued in 1871. Engraved by D. McClelland. Washington, D. C. [1881]. —— L C; M H C.

7302. **Post route map** of the states of Ohio and Indiana with adjacent parts of Pennsylvania, Michigan, Illinois, Kentucky and West Virginia. By W. L. Nicholson. The 1st ed. was issued in 1870. Drawn by Paul Geopel and A. Kelp. Engraved by D. McClelland. [Washington, 1881]. —— L C.

7303. **Michigan.** Geo. F. Cram, engraver and publisher. Chicago, c1882. —— B.

7304. **Cram's** railroad & township map of Michigan. Published by Geo. F. Cram . . . Chicago, Geo F. Cram, 1882. —— G.

7305. **Railroad map** of Michigan prepared for the Commissioner of railroads by Henry S. Stebbins, map publisher. Chicago, 1882. —— S; U.

7306. **Ibid.** Prepared for and published with the Tenth annual report of the Commissioner of railroads, 1882 . . . Henry S. Stebbins, map engraver and printer. Chicago [1882?]. —— B; S.

7307. **Rand, McNally & co.'s** indexed county and township map of Michigan, with a new and original compilation and index designating all post office towns and railroad stations, and giving full postal directions for sending mail matter to every state, known in the post office department as "locals"; also an alphabetically arranged list of all railroads in the state (with name of the express company doing business over each); also of counties, lakes, rivers, etc. Chicago, Rand, McNally & co. [1883?]. 43 p., 2 fold. maps. —— G; L C.

7308. **Post route map** of the states of Michigan and Wisconsin with adjacent parts of Ohio, Indiana, Illinois, Iowa and Minnesota showing post offices, with the intermediate distances between them and mail routes in operation on 1st February, 1883. Published by order of Postmaster General Timothy O. Howe under the direction of C. Roeser, jr. . . . [Washington] 1883. —— M H C.

7309. [**Maps** of Michigan]. Chicago, Henry S. Stebbins, map eng'r & publisher, c1884. 1 v. —— S.

Contents.—Railroads, lower peninsula, Michigan.—Railroads, upper peninsula, Michigan.—Congressional districts, lower peninsula, Michigan.—Congressional districts, upper peninsula, Michigan.—Senatorial districts, lower peninsula, Michigan.—Senatorial districts, upper peninsula, Michigan.—Representative districts, lower peninsula, Michigan.—Representative districts, upper peninsula, Michigan.—Judicial districts, lower peninsula, Michigan.—Judicial districts, upper peninsula, Michigan.

7310. **Railroad map** of Michigan. Prepared for the Commissioner of railroads, by Henry S. Stebbins . . . Chicago, 1884. —— G; U.

7311. **Ibid.** Prepared for and published with the Eleventh annual report of the Commissioner of railroads, by Henry S. Stebbins . . . Chicago, 1884. —— G.

7312. **Tackabury's** atlas of the state of Michigan, including statistics and descriptions of its topography, hydrography, climate, natural and civil history, railway and steam boat history, educational institutions, material resources, etc. By Alexander Winchell, LL.D., professor of geology and paleontology in the University of Michigan; Oramel Hosford, esq.; and Ray Haddock, esq. Drawn and compiled by H. F. Walling, C. E., topographer to United States geological survey, [etc.]. Detroit, Mich. and Canastota, New York, George N. Tackabury, 1884. 198 p. —— G; S.

7313. **Cram's** township and railroad map of Michigan. Chicago, Geo. F. Cram, 1885. —— G.

7314. **Official map** of Michigan. Railroad, township and sectional. Prepared under the direction of the Commissioner of railroads. Engraved and published by Cram & Stebbins. Chicago, Ill., 1885. —— D; G; U.

7315. **Michigan.** c1886. (In Brown, M. R. The continental atlas . . . Philadelphia, M. R. Brown, 1889, no. 130-131). —— L C.

7316. **Illustrated atlas** of Winnebago and Boone counties, Ill., containing maps of every township in counties, with village and city plats, also maps of Michigan, Indiana, Ohio, Illinois, Wisconsin, [etc.]. Chicago, H. R. Page & co., 1886. 3-120 p. incl. 52 maps, 19 pl. —— L C.

7317. **Map** of the State of Michigan engraved and printed under the supervision of the Commissioner of railroads of the state and giving the latest boundaries and names of counties, townships, locations of towns, railway stations and all lines of railways completed January 1st, 1888. Chicago, Cram & Stebbins [1888?]. —— M H C; S; U.

7318. **State** of Michigan 1888. Compiled from the official records of the General land office and other sources under the supervision of Geo. U. Mayo . . . Photo. lith. & print. by Julius Bien & co. New York [1888?]. —— U.

7319. **Map** of Michigan engraved and printed under the supervision of the Commissioner of railroads of the state and giving the latest boundaries and names of counties, townships, locations of towns, railway stations and all lines of railways completed January 1st, 1889. Published by Cram & Stebbins. Chicago [1889?]. —— M H C.

7320. **Railroad map** of Michigan prepared for the capital city Michigan railway guide, by Henry S. Stebbins . . . Chicago, H. S. Stebbins [188-?]. —— G.

7321. **Map** of the state of Michigan engraved and printed under the supervision of the Commissioner of railroads of the state and giving the latest boundaries and names of counties, townships, locations of towns, railway stations and all lines of railways completed January 1st, 1890. Published by Cram & Stebbins. Chicago [n. d.]. —— S.

7322. **Ibid.** Completed January 1st, 1892. Published by Geo. F. Cram. Chicago [1892?]. —— S.

7323. **Rand, McNally & co's** indexed county and township pocket map and shippers' guide of Michigan. Chicago and New York, Rand, McNally & co., 1892. 60 p., 1 fold. map. —— L C.

7324. **Ibid.** Chicago and New York, Rand, McNally & Co. [1893]. 61 p., 1 fold. map. ——L C.

7325. **Official map** of the state of Michigan . . . giving the names, locations and boundaries of counties, county seats, townships, towns, railway stations and all lines of railways completed to January 1st, 1896 . . . authorized . . . By Simeon R. Billings, Commissioner of railroads. Detroit, The Wilton-Smith company, c1895. —— G.

7326. **Michigan.** By C. N. Kendall. Wisconsin. By George L. Collie. Boston, Ginn & co., 1896. (With Frye, Alex. Everett. Complete geography. Michigan and Wisconsin ed. 1896). —— L C.

7327. **Official map** of the state of Michigan. Compiled, printed and engraved under the supervision of the State commissioner of railroads, giving the names, locations and boundaries of counties, county seats and all lines of railways completed to January 1st, 1896. Detroit, The Wilton-Smith company [1896?]. —— B.

7328. **Map** of Michigan showing the location of the land grant of the Grand Rapids and Indiana railroad, and the line of said road, with stations between Ft. Wayne and Little Traverse Bay. By W. O. Hughart. Grand Rapids [1897?]. —— G.

7329. **Map** of Michigan and Wisconsin prepared for Wood's Official railway guide by the Matthews-Northrup co. . . . Buffalo, N. Y., The Matthews-Northrup co., c1897. —— G.

7330. **Official map** of the state of Michigan. Compiled, printed and engraved by authority and under the supervision of the State commissioner of railroads giving the names, locations and boundaries of counties, county seats, townships, towns, railway stations and all lines of railways completed to October 1, 1897. Detroit, Mich., c1897. —— B; S; U.

7331. **Ibid.** Compiled by authority and under the supervision of the State commissioner of railroads, July 1, 1899. Detroit, Wolverine printing co., c1897. —— G; U.

7332. **Ibid.** September 1, 1899. Chase S. Osborn, Commissioner of railroads. Detroit, Michigan, Wolvering printing co., c1897. —— S.

7333. **A sectional map** of the state of Michigan from official surveys and state records. Published by Silas Farmer & co. Detroit, c1900. —— B.

7334. **Official map** of the state of Michigan. Compiled, printed and engraved by authority and under the supervision of the Commissioner of railroads giving the names, locations and boundaries of counties, county seats, townships, towns, railway stations and all lines of railroads completed to January 1, 1900. Published by the Wolverine printing co. Detroit [1900?]. —— U.

7335. **Rand, McNally & co's** indexed county and township pocket map and shippers' guide of Michigan . . . Chicago and New York, Rand, Mc Nally & co. [1900]. —— L C.

7336. **Post route map** of the states of Michigan and Wisconsin. Showing post offices and the intermediate distances on mail routes in operation on the 1st of June, 1900. Published by order of Postmaster General Charles Emory Smith, under the direction of A. von Haake, topographer, P. O. Dept. [Washington, 1900]. —— L C.

7337. **A sectional map** of the state of Michigan from official surveys and state records. Published by Silas Farmer & co. Detroit, Mich., c1901. —— B; G; S; U.

7338. **Official railroad map** of the state of Michigan compiled by authority and under the supervision of the State commissioner of railroads, 1901. Chase S. Osborn, Commissioner of railroads. Milwaukee, Northwestern litho. co. [1901]. —— S.

7339. **New railroad, post office and county map** of Michigan. With complete index of all post offices and railroad stations, giving populations and locations. Published by the National publishing company. Boston, c1901. —— B.

7340. **The "tri-color" map.** A sectional map of the state of Michigan from official surveys and state records. Published by Silas Farmer & co. Detroit, c1902. —— B.

7341. **The Mathews-Northrup** up-to-date map of Michigan. [Buffalo, 1903]. —— B.

7342. **Mendenhall's** road map of Michigan, showing through bicycle routes in the state, locations of towns, post offices, railroads, etc. Cincinnati, C. S. Mendenhall [1903]. —— D.

7343. **Official railroad map** of the state of Michigan. Compiled by authority and under the supervision of the Commissioner of railroads 1903-1904. Theron W. Atwood, Commissioner of railroads. [Detroit?] A. J. Farmer, c1903. —— B; D; G.

7344. [**Map** of Michigan] containing data . . . of principal railroads, . . . manufactures, minerals, products, population, school system . . . [n. p., 1904]. —— G.

7345. **Tunison's** new distance and indexed map of Michigan. Chicago, H. C. Tunison, c1904. —— G.

7346. **State of Michigan.** Compiled from the official records of the General land office and other sources under the direction of Frank Bond, chief of drafting division . . . [Washington?] 1904. —— U.

7347. **Official railroad map** of the state of Michigan. Compiled by authority and under the supervision of the State commissioner of railroads, 1906-1907. Theron W. Atwood, Commissioner of railroads. [Detroit?] A. J. Farmer, c1903. —— B; G.

7348. **Rand, McNally & co's** illustrated atlas of Michigan, accompanied by a new and original compilation and ready reference index, showing in detail the entire railroad system, the express company doing business over each road, and accurately locating all cities, towns, and post offices, etc. Illus. from photographs. (New state census). Chicago, Rand, McNally & co. [1906]. 64 p. —— D.

7349. **Post route map** of the states of Michigan and Wisconsin showing post offices with the intermediate distances on mail routes in operation on the 1st of September, 1906. Published by order of Postmaster General Geo. B. Cortelyou under the direction of A. von Haake, topographer, P. O. Dept. [Washington?] 1906. —— G.

7350. **Ibid.** 1st of June, 1907. Published by order of Postmaster General George v. L. Meyer, under the direction of A. von Haake, topographer, P. O. Dept. [Washington?] 1907. —— G.

7351. **Cram's** superior reference atlas of Michigan and the world. New York, Chicago, G. F. Cram, c 1908. 160 p. incl. 68 col. maps, 3 pl. —— L C.

7352. **Official railroad map** showing steam and electric lines of the state of Michigan. Compiled by the authority and under the supervision of the Railroad commission, Jan. 1908 . . . Engraved and printed by the Matthews-Northrup works. Buffalo, N. Y., c1908. —— G; S; U.

7353. **Rand, McNally and co.'s** sectional, statistical and commercial map of Michigan. Chicago, Rand, McNally and company, c1908. —— G.

7354. **The "tri-color" map;** a sectional map of the state of Michigan from official surveys and state records. Ed. for 1909-10. Detroit, c1902. —— G.

7355. **Map** of the state of Michigan showing state lands. [By John F. Nellist]. [n. p., 1909]. —— G.

7356. **Post route map** of the state of Michigan and Wisconsin showing post offices with the intermediate distances on mail routes in operation the 1st of December, 1909. Published by order of Postmaster General Frank H. Hitchcock, under the direction of A. von Haake, topographer, P. O. Dept. [Washington?] 1909. —— G.

7357. **The Rand-McNally** new commercial atlas map of Michigan; southern peninsula. [Chicago] Rand, McNally and company, 1912. —— G.

7358. **Scarborough's** new census map of Michigan showing counties in different colors, townships, cities [etc.]. Complete index to all places on map with population according to census of 1910. Indianapolis, Ind., Scarborough co., 1912. —— G; U.

7359. **Official railroad map** showing steam and electric lines of the state of Michigan. Compiled by the authority and under the supervision of the Michigan railroad commission, September, 1913. Engraved and printed by the Matthews-Northrup works. Buffalo, N. Y., c1913. —— S; U.

7360. **New ideal state** and county survey and atlas. Special subscription ed. [Chicago] Rand, McNally & co. [c1913]. 84 p., maps (colored). —— G.

Colored map of Kent, Muskegon and Ottawa counties, Mich., folded in pocket in back of volume.

7361. **Post route map** of the states of Michigan and Wisconsin, showing post offices with the intermediate distances on mail routes in operation on the 1st of June, 1913. Published by order of Postmaster General A. S. Burleson under the direction of David M. Hildreth, topographer, P. O. Dept. [Washington?] 1913. —— G.

7362. **The "tri-color" map.** A sectional map of the state of Michigan from official surveys and state records. 1914 ed. Detroit, Silas Farmer & co., 1914. —— B.

7363. **Scarborough's** new census map of Michigan showing counties in different colors, townships, cities, villages and post offices, steam and electric railways, with stations and distances between stations, and other features; complete index to all places on map, with population according to census of 1910. Indianapolis, 1914. —— G.

7364. **Map** of Michigan revised by Kenyon printing & mfg. co., Des Moines, Iowa . . . [Des Moines? 1915?]. —— U.

7365. **Lake shore** detailed survey road map of Illinois, Indiana, Michigan, Wisconsin . . . compiled and drawn from official surveys and records . . . Chicago, Standard map co., c1915. —— G.

7366. **Post route map** of the states of Michigan and Wisconsin, showing post offices, with the intermediate distances on mail routes, in operation on the 1st of April, 1915. Published by order of Postmaster General A. S. Burleson. [Washington] 1915. —— G.

7367. **Bowen's** Michigan state atlas, containing a separate map of each county, showing section, township and range lines, railroad and interurban lines, churches and school houses and public highways, with a historical sketch of each county; improved roads shown in colors; also containing maps of Michigan, the United States and the world, and the official soil map of Michigan, population of townships, cities and villages and geographical and other tables of value. Indianapolis, B. F. Bowen & co., inc., 1916. 198 p., col. maps. —— G; S.

7368. **Cram's** superior map of Michigan; showing distances between stations on railroads. On reverse side of map a complete concise and original ready reference index of cities, towns, villages and junction points with latest census populations. Accurately locating all counties, county seats, post offices and railroad stations. Chicago, George F. Cram company, c1916. —— G.

7369. **Geological map** of Michigan. Compiled by R. C. Allen, R. A. Smith, and L. P. Barrett, from surveys by the Michigan geological survey and the United States geologic survey. Baltimore, Md., A. Hoen & co., lith., 1916. —— S; U.

At top of map: Michigan geological and biological survey publication XXIII.

7370. **Rand McNally** indexed pocket map and shippers' guide of Michigan. [Chicago?] c1916. —— D.

7371. **Kenyon's** highway map of Michigan showing counties, cities, villages, post offices, railroads and stations . . . with complete index showing population. Des Moines, Iowa, Kenyon company, c1917. —— S.

The extreme northwest portion of Michigan is detached from the upper peninsula and given below it.

7372. **Aeroplane view** of Michigan looking south from Sault Ste. Marie. Published and copyrighted by the Arnold transit co. Mackinac Island [n. d.]. —— B.

7373. **Colton's** railroad and express map of the northwestern states showing the counties, towns, railroads, stations, distances, etc. . . . New York, G. W. & C. B. Colton & co. [n. d.]. —— G.

7374. **Map** of the state of Michigan showing the principal streams and natural drainage systems. [n. p., n. d.]. —— G.

7375. **Map** of Michigan. Drawn by H. G. Rothwell, C. E., Detroit, Mich. Buffalo, New York, Sage sons & co. [n. d.]. —— U.

C

SECTIONS

7376. Region tributary to Detroit and Miamitown. 1790. (In Wisconsin state historical society, proceedings . . . Madison, 1915, p. 214). —— S; W.

7377. Carte du Detroit et partie du Lac Erie, et du Lac Ste. Claire, scitue par les 42 degrees 4 minutes de latitude nord. —— B.

"True copy of a plan in the Dominion archives, itself a copy of a plan in Paris."

7378. Map of the drainage basin of Grand River, Michigan. [n. p., n. d.]. —— G.

7379. Map of the Grand Traverse region, to accompany a report on its geological & industrial resources, by Alexander Winchell, A. M., professor of geology, zoology and botany, in the University of Michigan, 1865. Drawn by H. G. Rothwell, C. E., Detroit, Mich. Buffalo, N. Y., Sage sons & co. [1865?]. —— S.

7380. Map of the drainage basin of Huron River, Michigan. [n. p., n. d.]. —— G.

Blue print map.

7381. Outline map of Huron River valley from Geddesburg to Parshall and White Highway. Ann Arbor, Mich. [n. d.]. —— G.

7382. Map exhibiting the country between lakes Michigan and Erie . . . contested boundary lines. Map by David H. Burr. [n. p., 1834?]. —— W.

7383. Ibid. New York, P. A. Mesier's lith. [1835]. (In U. S. Congress. A collection of maps, [etc.], published by order of congress. Washington, 1843, no. 48). —— B; L C.

7384. Corrected map of the country along the proposed boundary between Michigan and Wiskonsan to accompany the report of Capt. T. J. Cram, December, 1840. Drawn by Lt. J. D. Webster, T. E. [Washington? 1840?]. —— B.

7385. Nellist's road map of Michigan, lower peninsula. Compiled and published by John F. Nellist. Grand Rapids, Mich., John F. Nellist, c1913. —— G; U.

7386. Ibid. Grand Rapids, Mich., John F. Nellist, c1915. —— G.

Dixie Highway marked in red.

7387. Rand McNally & co's sectional map of Michigan. [Lower peninsula]. Chicago, 1887. —— S.

7388. **The summer resort** section of North Michigan . . . [n. p.] c1903. —— U.

Issued by the Grand Rapids and Indiana railroad company.

7389. **Plat book** of northern Michigan. Rockford, Ill., Hixson & co. [1917?]. —— G.

7390. **Northern Michigan** resort region. Published by the Pere Marquette railroad . . . [n. p.] c1903. —— U.

7391. **Map** of the southern part of Michigan, by John Farmer. New York, J. H. Colton & co., 1855. —— L C.

Copyright entry 1855.

7392. **Michigan** east coast resort region, New Buffalo to Holland. Road map, giving location of summer resorts on the line of the Pere Marquette railroad . . . [Chicago?] c1904. —— U.

7393. **Michigan** east coast resort region, Holland to Pentwater. Road map, giving location of summer resorts on the line of the Pere Marquette rail road. Chicago, Poole bros., c1904. —— U.

7394. **Michigan** east coast resort region, Pentwater to Traverse City. Road map, giving location of summer resorts on the line of the Pere Marquette railroad . . . [Chicago?] c1912. —— U.

7395. **Sketch** of the public surveys in the north part of Michigan. 25th. cong., 2d sess. [Washington, 1837]. (In U. S. Congress. A collection of maps, [etc.], published by order of congress. Washington, 1843, no. 137). —— L C.

7396. **Ibid.** 26 cong., 1st sess. [n. p., 1839]. (In U. S. Congress. A collection of maps, [etc.], published by order of congress. Washington, 1843, no. 83). —— L C.

7397. **Ibid.** W. J. Stone, sc. 27th. cong., 2d sess. [Washington, 1841]. (In U. S. Congress. A collection of maps, [etc.], published by order of congress. Washington, 1843, no. 124). —— L C.

7398. **Map** of the Saginaw valley, Mich., by A. Alberti, civil engineer, July, 1860. Part I. Ehrgott, Forbriger & co., lithographers, engravers & printers. Cincinnati [1860?]. —— S.

7399. **Map** of drainage basin of St. Joseph River. [n. p., n. d.]. —— G.

7400. **Chapman's** sectional map of the region around Lake Superior. Drawn from the U. S. survey by W. R. Wood, esq., Detroit. Published by Dyer & Pasmore. Milwaukee, Wis., 1857. —— P H; W.

7401. **Township map** of Lake Superior region and upper Mississippi. Compiled from government surveys. Philadelphia, J. Disturnell, 1872. —— L C.

7402. **Thunder Bay River** basin; being the northeast section of the southern peninsula from Nellist's Road map of Michigan. Grand Rapids, c1915. —— G.

7403. **Map** of the drainage basin of Thunder Bay River, Michigan. [n. p., n. d.]. —— G.

7404. **Map** of the northern peninsula of Michigan . . . Baltimore [1849]. (U. S. 31st cong., 1st sess., house executive document no. 5). —— W.

7405. **Tackabury's** new sectional map of the upper peninsula of Michigan: Published by Geo. N. Tackabury. Detroit, Mich. & Canastota, N. Y., 1884. —— M H C.

7406. **Map** of the original vegetation of the upper peninsula of Michigan Compiled by Charles A. Davis from the plat books of the U. S. land survey, the Michigan geological survey, and other data. [Lansing?] 1907. —— G.

Map accompanied the Annual report of the Michigan geological survey for 1906 as plate XVII.

7407. **The western counties** of Michigan . . . New York [1846?]. —— W.

D

COUNTIES

7408. **Township map** of Alcona county. C. L. Smith. [n. p., n. d.]. —— S.

Hand drawn map.

7409. **Map** of Allegan co., Michigan. From special surveys and public records, by I. M. Gross, under the direction of Geil & Harley. Philadelphia, S. Geil, 1864. —— L C.

7410. **Atlas** of Allegan county, Mich. From actual surveys. Philadelphia, C. O. Titus, 1873. 81 p. incl. 33 maps, 2 maps at end. —— L C.

7411. **Map** of Allegan county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7412. **Standard atlas** of Allegan county, Michigan, including a plat book of the villages, cities, and townships of the county, map of the state, United States and world, patrons directory, reference business directory and departments devoted to general information, analysis of the system of U. S. land surveys, digest of the system of civil government, etc., etc. . . . Chicago, G. A. Ogle & co., 1913. 150 p., maps. —— D.

7413. **Outline map** of Alpena county, Michigan. Alpena, Michigan [n. d.]. —— G.

7414. **Township map** of Alpena county. C. L. Smith. [n. p., n. d.]. —— S.

Hand drawn map.

7415. **The official atlas** and directory of Antrim county, Mich. Drawings by Charles M. Beers. Philadelphia, S. E. Pond & co., 1897. 88 p. incl. 29 maps. —— L C.

7416. **Standard atlas** of Antrim county, Michigan, including a plat book of the villages, cities, and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1910. 89, viii, [13] p. incl. maps. —— D; L C.

7417. **Standard atlas** of Arenac county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1906. 41, xxii p. incl. maps. —— D.

7418. **Atlas** of Barry co., Michigan. From actual surveys by and under the directions of D. J. Lake, C. E., assisted by B. N. Griffing, Wm. G. Hard, J. E. Sherman, C. Hard. Philadelphia, C. O. Titus, 1873. 47 p. incl. maps. —— B.

7419. **Standard atlas** of Barry county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1895. 3-90, viii p. incl. maps. —— L C.

7420. **Map** of Barry county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7421. **Standard atlas** of Barry county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1913. 128 p., maps. —— D.

7422. **Map** of Bay county, Michigan, showing rural delivery service . . . [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7423. **The county** of Bay; state, county, township, city and village maps. Published by Monroe and Learman, assisted by Bay county abstract co. . . . Chicago, Ill., Standard map co., lithographers and engravers, 1916. 69 p., maps. —— D; G.

7424. **Standard atlas** of Benzie county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United

States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1915. 87 p., maps. —— D.

7425. **Atlas** of Berrien co., Michigan. From actual surveys by and under the directions of D. J. Lake, C. E., assisted by B. N. Griffing, Wm. G. Hard, J. E. Sherman, C. Hard. Philadelphia, C. O. Titus, 1873. 85 p., maps. —— B.

7426. **Map** of Berrien county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7427. **Map** of Branch co., Michigan. From county records and actual surveys by Geil & Jones. Philadelphia, Geil & Jones, 1858. —— L C.

7428. **Atlas** of Branch co., Michigan. From actual surveys by and under the directions of D. J. Lake, C. E., assisted by J. B. Edwards, C. Hard, B. N. Griffing, J. E. Sherman. Philadelphia, C. O. Titus, 1872. 65 p. incl. 29 maps, 2 maps at end. —— B; L C.

7429. **Map** of Branch county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7430. **Standard atlas** of Branch county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1915. 123 p., maps. —— D.

7431. **Map** of Branch county, Michigan, showing a rough outline of the territory (the space printed in red) within which the marl deposits of the Michigan Portland cement company are located. [n. p., n. d.]. —— B.

7432. **Map** of Calhoun county published under the direction of Douglass Houghton, state geologist, pursuant to an act of the legislature of the state of Michigan. S. W. Higgins, topographer to geol. sur.; C. C. Douglass and Bela Hubbard, assistant geologists. W. J. Stone, sc. Washington City, [1836?-1845?]. —— G; S; U.

7433. **Map** of Calhoun county, Michigan. From actual surveys & county records by Bechler & Wenig. Philadelphia, Geil, Harley & Siverd, 1858. —— L C; S.

7434. **Atlas** of Calhoun co., Michigan . . . under the superintendence of F. W. Beers. New York, F. W. Beers & co., 1873. 91 p. incl. 37 maps. —— L C; U.

7435. **Map** of Calhoun county, Michigan, showing rural delivery service. [n. p.] 1912. —— G.

Blue print map, by U. S. Post office dept.

7436. **Standard atlas** of Calhoun county, Michigan, including a plat book of the villages, cities & townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1916. 155 p., maps. —— D.

7437. **Atlas** of Cass county, Michigan. From actual surveys by and under the directions of D. J. Lake, C. E., assisted by B. N. Griffing, J. E. Sherman, J. B. Edwards, C. Hard. Philadelphia, C. O. Titus, 1872. 54 p. incl. 20 maps, 2 maps at end. —— B.

7438. **Standard atlas** of Cass county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, farmers directory, reference business directory . . . Chicago, G. A. Ogle & co., 1896. 80, viii p. incl. maps. —— L C; U.

7439. **Map** of Cass county, Michigan, showing rural delivery service. [n. p.] 1912. —— G.

Blue print map, by U. S. Post office dept.

7440. **Map** of the counties of Cass, Van Buren, and Berrien, Mich. From special surveys & official records by Geil & Jones. Philadelphia, Geil, Harley & Siverd, 1860. —— L C.

7441. **Map** of Charlevoix county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7442. **Map** of Chippewa county, Mich., also part of Mackinac, Luce, and Cheboygan counties, Mich. & Algoma, Ont. Sault Ste. Marie, H. C. Thompson [n. d.]. —— G.

7443. **Atlas** of Clinton county, Michigan. From actual surveys by and under the directions of D. J. Lake, C. E., assisted by B. N. Griffing, C. Hard, A. A. Ambler, D. B. Clark. Philadelphia, C. O. Titus, 1873. 53 p., maps. —— B.

7444. **Map** of Clinton county, Michigan, showing rural delivery service. [n. p.] 1908. —— G.

Blue print map. by U. S. Post office dept.

7445. **Standard atlas** of Clinton county, Michigan, including a plat book of the villages, cities & townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1915. 99 p., maps. —— D.

7446. **Map** of the counties of Clinton and Gratiot, Michigan. From official records & special surveys by D. S. Harley, J. P. Harley, J. D. Nash, H. G. Brigham & M. C. Wagner, under the direction of Geil & Harley. Philadelphia, Samuel Geil, 1864. —— B; L C.

7447. **Standard** atlas of Delta county, Michigan, including a plat book of the villages, cities & townships of the county, map of the state, United

States and world. Patrons directory, reference business directory . . . Chicago, Geo. A. Ogle & co., 1913. 116 p., maps. —— D.

7448. **Delta co.,** Michigan; sectional map. J. I. Berry. [n. p., n. d.]. —— S.

Hand drawn map.

7449. **Map** of Dickinson county, Michigan, compiled from United States gov't and geological surveys. By H. E. McClintock, Iron Mountain, Michigan. August, 1903. [Iron Mountain, Michigan, 1903]. —— B.

7450. **Map** of the counties of Eaton and Barry, Michigan. Drawn from special surveys & official records by Geil & Jones. Philadelphia, Geil, Harley & Siverd, 1860. —— B.

7451. [**Map** of] Eaton county, Michigan, showing rural delivery service. [n. p.] 1912. —— G.

Blue print map, by U. S. Post office dept.

7452. **Atlas** of Genesee co., Michigan . . . New York, F. W. Beers & co., 1873. 119 p. incl. 42 maps. —— L C.

7453. **Atlas** of Genesee county, Michigan, containing maps of every township in the county, with village and city plats, also maps of Michigan and the United States from official records. Flint, Mich., Homer A. Day, 1899. 61 maps, colored. —— G.

Verso of each map is blank.

7454. **Map** of Genesee county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7455. **Map** of the counties of Genesee & Shiawassee, Michigan, from actual surveys & official records, by Geil & Jones, topographical engineers. Philadelphia, Geil & Jones, 1859. —— B; L C; M H C.

7456. **Plat book** of Gogebic county . . . Milwaukee, Foust & Jungblut, c1910. 44 maps. —— L C.

7457. **Atlas** of Grand Traverse co., Michigan, compiled and drawn for the publisher by E. L. Hayes. To which is added, a township map of Michigan, a railroad map of the U. S., and map of the world. Philadelphia, C. O. Titus, 1881. 50, viii p. incl. 19 maps. —— D; L C.

7458. **New atlas** and directory of Grand Traverse county, Michigan. Drawings, descriptive text, &c. by Hon. George E. Steele, assisted by . . . Chas. M. Beers . . . Traverse City, Mich., S. E. Pond & co., 1895. 108 p. incl. 24 maps. —— L C.

7459. **Imperial atlas** of Gratiot county, Michigan, drawn from original surveys and field notes, official county records and other authentic sources.

Boston, Mass., National publishing company, 1901. 65, [1], xxxii p. incl. 29 maps (col.). —— G; L C.

Contains map of the world and map of the United States. Verso of each is blank.

7460. **Map** of Gratiot county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7461. **Map** of Hillsdale co., Michigan. From actual surveys & county records by L. Geil & L. L. Jones, 1857. Philadelphia, Kellogg & Randall, 1857. —— L C.

7462. **Plat book** of Hillsdale county, Michigan. Chicago, The American atlas co., 1894. 3-90 p. incl. 33 maps. —— L C.

7463. [**Map** of] Hillsdale county, Michigan, showing rural delivery service. [n. p.] 1912. —— G.

Blue print map, by U. S. Post office dept.

7464. **Standard atlas** of Hillsdale county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1916. 72 p., maps. —— D.

7465. **Plat book** of Houghton county, Michigan. Compiled & published by Wm. J. Weston, Bessemer, Mich. & C. F. Hancock, Chassell, Mich. . . . Milwaukee, Foust & Jungblut, 1911. 35 maps. —— L C.

7466. **Map** of Huron county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7467. **County atlas** of Ingham, Michigan. From recent and actual surveys and records under the superintendence of F. W. Beers. New York, F. W. Beers & co., 1874. 104 p. incl. 40 maps. —— L C; U.

7468. **Map** of Ingham county, Mich. [Chicago?] Rand, McNally & co. c1912. —— S.

7469. [**Map** of] Ingham county, Michigan, showing rural delivery service. [n. p.] 1912. —— G.

Blue print map, by U. S. Post office dept.

7470. **Topographical map** of the counties of Ingham & Livingston, Michigan. From special surveys & county records. Geil & co. and A. Jackson, topographical engineers. Published by Geil, Harley & Siverd . . . Philadelphia, 1859. —— L C; M H C; S.

7471. **Atlas** of Ionia co., Michigan. From recent and actual surveys and records, under the superintendence of F. W. Beers . . . New York, F. W. Beers & co., 1875. 108 p. incl. 37 maps. —— L C; U.

7472. Atlas of Ionia county, Mich. New York, J. B. Beers & co., 1891. 103 p. incl. 36 maps. —— L C.

7473. Standard atlas of Ionia county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world. Patrons directory, reference business directory . . . Chicago, G. A. Ogle, 1906. 93 p., maps. —— D.

7474. Map of Ionia county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7475. Rogers' map of Iron county, Michigan. Compiled from U. S. gov't and geological surveys. By H. E. McClintock. September—1903. Detroit, Silas Farmer & co., map makers [1903?]. —— B.

7476. Atlas of Isabella county, Michigan, compiled and drawn for the publisher by E. L. Hayes. To which is added a township map of Michigan, a railroad map of the U. S., and map of the world. Philadelphia, C. O. Titus, 1879. 50, viii p. incl. 25 maps. —— D; L C.

7477. Map of Isabella county, Michigan, showing rural delivery service. [n. p.] 1911. —— G

Blue print map, by U. S. Post office dept.

7478. Atlas and farm directory of Isabella county, Michigan; compiled from county records and actual surveys . . . Chicago, Standard map co. [c1915]. 38 p., 18 col. maps. —— D; G.

Contains a map of the state of Michigan.

7479. Map of Jackson county, published under the direction of Douglass Houghton, state geologist, pursuant to an act of the legislature of the state of Michigan. S. W. Higgins, topographer to geol. surv. C. C. Douglass and Bela Hubbard, assistant geologists. W. J. Stone, sc. Washington City, [1836?-1845?]. —— B; G; S; U.

7480. Map of Jackson county, Michigan. From records and special surveys by S. Geil & S. L. Jones, topographical engineers. Engrd & manufd by Robert P. Smith. Philadelphia, Jos. M. Alexander, 1858. —— B; L C; S.

7481. Combination atlas map of Jackson county, Michigan. Compiled, drawn and published from personal examinations and surveys by Everts & Stewart. Chicago, Ill., 1874. 144 p. incl. maps. —— D; L C; U.

7482. Standard atlas of Jackson county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1911. 3 p. l., 9-141 (i. e. 139), xxii p. incl. maps. —— D; L C.

7483. **Map** of Jackson county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7484. **Map** of Kalamazoo co., Michigan. From special surveys and county records under direction of Geil & Harley. Surveys by I. Gross; drawn by S. L. Jones. Philadelphia, Geil & Harley, 1861. —— L C.

7485. **Atlas** of Kalamazoo co., Michigan. From recent and actual surveys and records under the superintendence of F. W. Beers. Published by F. W. Beers & co. . . . New York, 1873. 95 p. incl. 36 maps. —— L C; U.

7486. **Illustrated atlas** of Kalamazoo county, Michigan, containing maps of Kalamazoo county and city; detail maps of townships showing farmlands with areas and owners names, rail roads, streams, lakes, etc., etc.; detail plats of Kalamazoo city and interior villages, showing dimensions of lots, location of water mains, sewers, buildings, etc.; also maps of the hemispheres, world, United States and Michigan; with early and present history of Kalamazoo county. Detroit, Wm. C. Sauer, 1890. 116 p. (including 48 p. of maps). —— D.

7487. **Standard atlas** of Kalamazoo county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1910. 2 p. l., 7-134, [6], viii, [x]-xxii p. incl. maps, 10 pl. —— D; L C.

7488. **Map** of Kalamazoo county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7489. **Atlas** of Kalamazoo county, Michigan, containing plats of all townships with names of property owners, rural routes and outlines map of the county, showing location of townships, villages, roads, schools, churches, railroads, streams, etc., etc. Chicago, Ill., H. C. Maley [1913]. 52 p., 20 maps (col.). —— D; G.

7490. **Kalcaska county,** Mich. [Map by H. J. Frost. anon.]. [n. p., 1878]. —— L C.

7491. **Innes and Tinkham's** map of Kent county, Michigan. Chicago, Hacheson, lith., 1855. —— G.

7492. **Map** of Kent county, Michigan, compiled by E. M. Harney & G. A. Randall. Milwaukee, Randall, Harney & co., 1863. —— G.

7493. **Illustrated historical atlas** of the county of Kent, Michigan. Chicago, H. Belden & co., 1876. 92 p. incl. maps. —— B; L C.

7494. **R. L. Polk & co.'s** illustrated historical atlas of Kent county, Michigan. 1894. Grand Rapids, R. L. Polk & co. [1894]. 56 p. incl. 34 maps. —— L C.

7495. R. L. Polk & co.'s illustrated historical atlas of Grand Rapids and Kent county, Mich. Grand Rapids, R. L. Polk & co., 1894. 86 p. incl. 61 maps. —— L C.

7496. [**Map** of] Kent county. [Lansing, Mich.?] 1901. —— G.

Map accompanied the Annual report of the Michigan geological survey for 1901 as Plate IV.

7497. Map of Kent county, Michigan, compiled and published by the Grand Rapids herald. Rockford, Ill., Hunter and Van Valkenburg, 1902. —— G.

7498. Standard atlas of Kent county, Michigan, including a plat book of the cities, villages and townships of the county, map of the state, United States and world, patrons' directory, reference business directory . . . Chicago., Geo. A. Ogle & co., 1907. 80 maps (col). —— G.

Verso of each map is blank.

7499. Map of Kent county, Michigan, showing rural delivery service. [n. p.] 1909. —— G.

Blue print map, by U. S. Post office dept.

7500. Map of Kent county, Michigan. Chicago, Rand, McNally and company, c1912. —— G.

Two road maps clipped together. 1 map in color.

7501. Map of Kent county, Michigan. Rockford, Mich., Rockford register, 1916. —— G.

Map in color.

7502. Map of Kent county, Michigan, Advertiser's ed. Rockford, Mich., Rockford register, 1916. —— G.

7503. Township map of Kent county. [n. p., n. d.]. —— G.

7504. [**Map** of part of] township no. 6 N. R. no. 2 W., [Wyoming township, Kent county], Grand Rapids. —— G.

Pen and ink map.

7505. Map of Lapeer co., Michigan. From special surveys & public records, by W. E. Doughty, C. E. and I. Gross, C. E. Philadelphia, Samuel Geil, 1863. —— B.

7506. Atlas of Lapeer co., Michigan, from recent and actual surveys and records under the superintendence of F. W. Beers . . . New York, F. W. Beers & co., 1874. 78 p. incl. 38 maps (colored). —— G; L C.

7507. Map of Lapeer county, Michigan, showing rural delivery service. [Washington] 1912. —— G.

Blue print map, by U. S. Post office dept.

7508. Atlas of Leelenau co., Mich. Philadelphia, C. O. Titus, 1881. 37, viii p. incl. 19 maps. —— L C.

7509. **Map** of Lenawee county published under the direction of Douglass Houghton, state geologist, pursuant to an act of the legislature of the state of Michigan. S. W. Higgins, topographer to geol. surv. C. C. Douglass and Bela Hubbard, assistant geologists. W. J. Stone, sc. Washington City [1836?-1845?]. —— G; S.

7510. **Map** of Lenawee co., Michigan. From actual surveys by G. R. Bechler & E. Wenig. Philadelphia, Bechler, Wenig & co., 1857. —— L C.

7511. **Combination atlas map** of Lenawee county, Michigan. Compiled, drawn and published from personal examination and surveys. By Everts & Stewart. Chicago, Ill., 1874. 1 p.l., 113 p. incl. 22 maps, 82 pl. —— D; G; L C; U.

7512. **Atlas** of Lenawee county, Michigan. Compiled and drawn from personal examination and actual surveys. Published by George B. Cadwell & co. [n. p.] 1893. 126 p., maps. —— B.

7513. **Pocket atlas** of Lenawee county, 1906. Adrian, Mich., Treat bros., c1906. Cover title, 24 maps. —— L C.

7514. **Map** of Lenawee county, Michigan, showing rural delivery service. [n. p.] 1912. —— G.

Blue print map, by U. S. Post office dept.

7515. **Atlas** of Livingston co., Michigan. From recent and actual surveys and records under the superintendence of F. W. Beers. New York, F. W. Beers & co., 1875. 86 p. incl. 30 maps. —— L C; U.

7516. **Map** of Livingston county, Michigan, showing rural delivery service. [n. p.] 1912. —— G.

Blue print map, by U. S. Post office dept.

7517. **Standard atlas** of Livingston county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, Geo. A. Ogle & co., 1915. 85 p., maps. —— D.

7518. **Map** of Macomb county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7519. **Standard atlas** of Macomb county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., c1916. 127, xxiii p., maps. —— D.

7520. **Map** of the counties of Macomb & St. Clair, Michigan. From special surveys & county records, by Geil & Jones, topographical engineers. Philadelphia, Geil, Harley & Siverd, 1859. —— B; L C.

7521. **Atlas** and farm directory of Mason county, Michigan; compiled from county records and actual surveys . . . Chicago, Standard map co. [c1915]. 36 p., 17 (col.) maps. —— D; G.

Contains also a map of the state of Michigan.

7522. **Atlas** of Mecosta county, Michigan. Compiled and drawn for the publisher by E. L. Hayes, C. E. To which is added a township map of Michigan, a railroad map of the United States & map of the world. Philadelphia, C. O. Titus, 1879. 61, viii p. incl. maps. —— B; L C.

7523. [**Map** of] Mecosta county, Michigan, showing rural delivery service. [Washington] 1913. —— G.

Blue print map, by U. S. Post office dept.

7524. **Standard atlas** of Menominee county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, Geo. A. Ogle & co., 1912. 2 p. l., 7-93, [1], viii, x-xxii p. incl. maps. —— D; L C.

7525. **Map** of Midland county, Michigan. Saginaw, Michigan, Imperial publishing co., 1897. —— S.

7526. **Map** of Midland county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7527. **Standard atlas** of Midland county, Michigan, including a plat book of the villages, cities & townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1914. 64 p., maps. —— D.

7528. **Map** of Monroe co., Michigan. From special surveys & county records, by Geil & Jones, topographical engineers. Philadelphia, Geil, Harley & Siverd, 1859. —— B; L C; S; U.

7529. **County atlas** of Monroe, Michigan. From recent and actual surveys and records under the superintendence of S. M. Bartlett, C. E., for F. W. Beers. New York, F. W. Beers & co., 1876. 130 p. incl. 33 maps, 21 pl. —— B; L C; U.

7530. **Standard atlas** of Monroe county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, farmers directory, reference business directory . . . Chicago, G. A. Ogle & co., 1896. 2 p. l., 7-82, viii, x-xxii p. incl. maps. —— L C.

7531. **Map** of Monroe county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7532. **Map** of Montcalm co., Michigan, from recent and actual surveys and records under the superintendence of F. W. Beers. Published by F. W. Beers & co. New York, 1875. —— S.

7533. **Map** of Montcalm county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7534. **Township map** of Montmorency county. C. L. Smith. [n. p., n. d.]. —— S.

Hand drawn map.

7535. **County atlas** of Muskegon, Mich. New York, F. W. Beers, 1877. 114 p. incl. 38 maps. —— L C.

7536. **Standard atlas** of Muskegon county, Mich., including a plat book of the villages, cities and townships of the county, map of the state, United States and world, [etc., etc.]. Chicago, G. A. Ogle & co., 1900. 2 p. l., 7-103, xxii p. incl. maps. —— L C.

7537. **Map** of Muskegon county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7538. **Atlas** of Newaygo county, Mich. To which is a added township map of Michigan, a railroad map of the United States and map of the world. Philadelphia, C. O. Titus, 1880. 71, viii p. incl. 33 col. maps. —— L C.

7539. **Standard atlas** of Newaygo county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, Geo. A. Ogle & co., 1900. 2 p. l., 8-75, [21], viii, x-xxii p. incl. maps. —— L C; U.

7540. **Map** of Newaygo county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7541. **Atlas** of Oakland co., Michigan . . . under the superintendence of F. W. Beers. New York, F. W. Beers & co., 1872. 141 p. incl. 55 maps. —— L C; U.

7542. **Map** of Oakland county, Michigan, showing rural delivery service. [n. p.] 1912. —— G.

Blue print map, by U. S. Post office dept.

7543. **Topographical map** of Oceana co., Michigan, from actual surveys and records. F. W. Beers. Published by F. W. Beers & co. New York, 1876. —— S.

7544. **Map** of Oceana county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7545. Standard atlas of Oceana county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1913. 83, 23 p., maps. —— D.

7546. Township map of Ogemaw county. C. L. Smith, Lansing, Mich. [n. p., n. d.]. —— S.

Hand drawn map.

7547. Atlas of Osceola county, Michigan. To which is added a township map of Michigan, a railroad map of the United States and map of the world. Philadelphia, C. O. Titus, 1878. 60, viii p. incl. 27 maps. —— L C.

7548. Map of Ottawa county, Michigan, showing rural delivery service. [n. p.] 1908. —— G.

Blue print map, by U. S. Post office dept.

7549. Standard atlas of Ottawa county, Michigan, including a plat of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1912. 2 p. l., 7-113, xxii p. incl. maps. —— D; L C.

7550. Map of Ottawa county road system and connections; revised July, 1917. Grand Haven, Mich., 1917. —— G.

Map in color; issued by the Board of county road commissioners of Ottawa county.

7551. Sectional map of Ottawa county, Michigan. [Grand Rapids?] Potts and Conger [n. d.]. —— G.

7552. Map of the counties of Ottawa & Muskegon and part of Allegan, Michigan. From official records & special surveys by I. M. Gross, C. E., under the direction of Geil & Harley. Philadelphia, Samuel Geil, 1864. —— B.

7553. Map of Saginaw county, Michigan, showing rural delivery service. [n. p.] 1911. —— G.

Blue print map, by U. S. Post office dept.

7554. Standard atlas of Saginaw county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1916. 117 p., maps. —— D.

7555. Map of Saginaw and Tuscola, with part of Genesee, Lapeer, Huron & Midland counties, Michigan. 1859. Published by D. A. Pettibone. Bridgeport Center, Michigan [n. d.]. —— U.

7556. Combination atlas map of St. Clair county, Mich. Compiled, drawn and published from personal examinations and surveys . . . Philadelphia, Everts & Stewart, 1876. xviii, 54 p. incl. 31 col. maps. —— L C.

7557. **Standard atlas** of St Clair county, Michigan, including a plat book of the villages, cities, and townships of the county, map of the state, United States and world, farmers directory, reference business directory . . . Chicago, Geo. A. Ogle & co., 1897. 2 p. l., 7-115, [1], viii, x-xxii p. incl. maps. —— L C; U.

7558. **Map** of Saint Clair county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7559. **Standard atlas** of St. Clair county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., c1916. 107, xxiii p., maps. —— D.

7560. **Map** of St. Joseph co., Michigan. From actual surveys & county records by Geil & Jones, topographical surveyors . . . Philadelphia, Geil, Harley & Siverd, 1858. —— B; L C.

7561. **Atlas** of St. Joseph county, Michigan. From actual surveys by and under the direction of D. J. Lake, C. E., assisted by B. N. Griffing, J. E. Sherman, J. B. Edwards, C. Hard. Philadelphia, C. O. Titus, 1872. 69 p. incl. 22 maps, 2 maps at end. —— B; G; L C; S.

7562. **Property atlas** of St. Joseph county, Michigan. Philadelphia, E. P. Noll & co., 1893. 1 p. l., 44 p. incl. 31 maps. —— L C.

7563. **Map** of St. Joseph county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7564. **Map** of Saint Joseph county, Michigan. Chicago, Standard map co., 1914. —— G.

7565. **Topographical map** of Sanilac co., Michigan, from actual surveys and records by F. W. Beers. Published by F. W. Beers & co. . . . New York, 1876. —— S.

7566. **Atlas** of Sanilac county, Michigan, containing maps of every township in the county, with village and city plats and outline map of the county. Also maps of Michigan, United States and the world. Compiled from late and authentic sources; together with other valuable information . . . Philadelphia, J. L. Smith, 1894. 117, [1] p. incl. 44 col. maps. —— L C.

7567. **Map** of Sanilac county, Michigan, showing rural delivery service. [n. p.] 1912. —— G.

Blue print map, by U. S. Post office dept.

7568. **County atlas** of Shiawassee co., Michigan. From recent and actual surveys and records under the superintendence of F. W. Beers. New York, F. W. Beers & co., 1875. 102 p. incl. 37 maps. —— B; L C; U.

7569. [**Map** of] Shiawassee county, Michigan, showing rural delivery service. [n. p.] 1912. —— G.

Blue print map, by U. S. Post office dept.

7570. **Standard atlas** of Shiawassee county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, Geo. A. Ogle & co., 1915. 107, xxiii p. incl. maps. —— B; D.

7571. **Map** of Tuscola county, Michigan, showing rural delivery service. [n. p.] 1909. —— G.

Blue print map, by U. S. Post office dept.

7572. **Atlas** of Van Buren county, Michigan. From actual surveys by and under the direction of D. J. Lake, C. E., assisted by B. N. Giffiing, Wm. G. Hard, J. E. Sherman, C. Hard. Philadelphia, C. O. Titus, 1873. 79 p., maps. —— B.

7573. **Map** of Van Buren county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7574. **Standard atlas** of Van Buren county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, Geo. A. Ogle & co., 1912. 2 p. l., 7-109, xxii p. incl. maps. —— D; L C.

7575. **Map** of Washtenaw county published under the direction of Douglass Houghton, state geologist, pursuant to an act of the legislature of the state of Michigan. S. W. Higgins, topographer to geol. surv. C. C. Douglass and Bela Hubbard, assistant geologists. W. J. Stone, sc. Washington City [1836?-1845?]. —— G; S; U.

7576. **Washtenaw county,** by S. Pettibone. Lith'd by P. S. Duvall. Philadelphia, 1848. —— U.

7577. **Map** of Washtenaw county, Michigan. From actual surveys by G. R. Bechler & E. Wenig. Philadelphia, Bechler, Wenig, & co., 1856. —— U.

7578. **Map** of Washtenaw county, Michigan. From actual surveys by G. R. Bechler & E. Wenig. Philadelphia, Bechler, Wenig & co., 1858. —— L C.

7579. **Combination atlas map** of Washtenaw county, Michigan. Compiled, drawn and published from personal examinations and surveys, by Everts & Stewart. Chicago, Ill., 1874. 1 p. l., 15-124, [2] p. incl. 30 maps, 57 pl. —— D; L C; U.

7580. **Standard atlas** of Washtenaw county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, farmers directory, reference business directory . . . Chicago, Geo. A. Ogle & co., 1895. 98, viii p. incl. maps. —— U.

7581. **M. M. Dickson & co's**. township and sectional pocket map of Washtenaw county, Michigan. Accompanied by a list of county officers, census tables, directory of resident farmers who own the land they occupy, showing location of farm and giving postoffice address . . . Published by the M. M. Dickson & co. Ann Arbor, Michigan [1896]. 34 p. —— U.

7582. **Map** of Washtenaw county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, by U. S. Post office dept.

7583. **Standard atlas** of Washtenaw county, Michigan, including a plat book of the villages, cities and townships of the county, map of the state, United States and world, patrons directory, reference business directory . . . Chicago, G. A. Ogle & co., 1915. 119 p., maps. —— D.

7584. **Map** of the counties of Washtenaw and Lenawee, Michigan. From special surveys and official records by G. R. Bechler & E. Wenig. Philadelphia, S. Geil, 1864. —— L C.

7585. **Rough sketch** of part of Wayne county, territory of the United States northwest of Ohio River, shewing the present inhabited part of the county, with the different tracts of land claimed by individuals in that part; copied from McNiff's sketch by Rob't King, copy by Wm. Tatham, Sept. 1812. Prepared for the Department of state by Wm. Tatham, 25th Sept'r 1812. Ms. [1812]. —— L C.

7586. **Map** of Wayne county, Mich., by William Hancock. Lith. by R. Burger. Detroit, 1854. —— S.

7587. **Map** of Wayne county, Michigan, by John Farmer. Exhibiting the names of the original purchasers and the number of acres [etc.]. [Detroit, J. Farmer, 1855]. —— L C.

7588. **Map** of Wayne co., Michigan. From special surveys & official records by Geil & Jones & Geil & Harley. Philadelphia, Geil, Harley & Siverd, 1860. —— B; U.

7589. **Illustrated historical atlas** of the county of Wayne, Michigan, Chicago, H. Belden & co. [187–]. 79 p. incl. 24 maps, 25 pl. —— L C.

7590. **Map** of Wayne county, with roads, railroads, cities [etc.]. Detroit, S. Farmer & co., 1883. —— D; L C.

7591. **General map** of Wayne county. Drawn and published by William C. Sauer, C. E. Detroit, 1893. —— B.

7592. **Detailed official atlas** of Wayne co., Mich. Detroit, W. C. Sauer [1894]. 2 p. l., 79 pl. —— L C.

7593. **Map** of Wayne county. Published by Wm. C. Sauer, C. E. Detroit, 1895. —— B.

7594. **Map** of Wayne county, Michigan. Published for the schools by William C. Sauer, C. E. [Detroit] 1895. —— B.

7595. **Map** of Wayne county, Michigan. [Detroit, Silas Farmer & co., 1900]. —— B.

7596. **Farmer's** new map of Wayne county, Michigan, showing highways, acreage, land-owners, sections, private claims and rural free delivery routes. Compiled by Arthur John Farmer. Drawn by Jethro Brown. Detroit, Silas Farmer & co., c1904. —— B.

7597. **Detailed atlas** of Wayne county, Michigan, containing general maps of Wayne county and city of Detroit, general township maps on a scale of two and a half inches to a mile, showing areas of lands and owners' names, rail roads, electric car lines, wagon roads, streams, drains, location of school houses, churches, cemeteries, etc., and detail plats of the city of Wyandotte and all interior villages on a scale as shown on each map; also sundry details showing all subdivisions outside the incorporated villages and an alphabetically arranged index for reference to locating subdivisions. Compiled and drawn from authentic records and private surveys by W. C. Sauer, C. E. [Detroit, c1905]. 2 p. l., 44 maps. —— B; L C.

7598. **Map** of Wayne county, Michigan, showing rural delivery service. [n. p.] 1910. —— G.

Blue print map, U. S. Post office dept.

7599. **Road map** of Wayne county. Board of county road commissioners. [Detroit? 1915?]. —— B.

7600. **Map** of west half of Wayne county showing plat of Wyandotte. [n. p., n. d.]. —— B.

7601. **Wayne county** and part of Oakland and Macomb. Compiled from official and original sources by Mason L. Brown. Detroit, S. Farmer & co., 1894. —— D.

7602. **New section map** and country road guide. Wayne and parts of Washtenaw, Oakland and Macomb counties. Detroit, S. J. Kenyon, printer and stationer, 1896. —— B.

7603. **Atlas** of Wexford county, Michigan, containing complete maps of all townships, names of property owners, maps of the county, city of Cadillac, United States and state of Michigan. [Cadillac] Cadillac evening news; Chicago, Standard map co. [c1914]. 43 p., 20 maps, (19 in color). —— D; G.

E

CITIES, TOWNS AND VILLAGES

7604. **Map** of the village of Ada situated on section 34. T. 7 N. R. 10 W., county of Kent, Michigan. Drawn by R. Andrewes, Detroit, 1836. Washington City, W. J. Stone [1836?]. —— G; U.

7605. **Town of Altona**. Being the terminus of the Detroit and Milwaukee & Pt. Huron & Milwaukee railways at the mouth of Grand River, Lake Michigan. [n. p., n. d.]. —— B.

Manuscript. Undated.

7606. **Map** of the village of Ann Arbor, by J. F. Stratton. New York, N. Currier's lith., 1836. —— G.

7607. **City of Ann Arbor,** Washtenaw co'ty, Michigan. 1853. Surveyed and published by Henry Hart . . . New York [1853?]. —— U.

7608. **City of Ann Arbor,** Washtenaw co'ty, Michigan. Surveyed & published by D. A. Pettibone, Ann Arbor. [Ann Arbor?] 1854. —— S.

7609. **Ibid.** Surveyed & published by S. Pettibone. Ann Arbor, 1869. —— U.

7610. **Map** of the city of Ann Arbor, Michigan. Showing University of Michigan, public buildings, schools and factories. Revised, enlarged and copyrighted September, 1907. By Harold P. Gould, publisher. [Ann Arbor] Ann Arbor plant, The Richmond & Backus co., printers [n. d.]. —— U.

7611. **Map** of Ann Arbor showing campus and buildings of the University of Michigan. Prepared by Wickes brothers 1914. Copyright 1914 by Shirley W. Smith. [Ann Arbor? 1914]. —— U.

Blue print map.

7612. [**Birds eye view** of Ann Arbor]. Drawn and published by A. Ruger. Battle Creek, Mich. [n. d.]. —— B.

7613. **Map** of Ann Arbor. [n. p., n. d.]. ——U.

7614. **City of Coldwater,** Branch co., Mich. From special surveys & official records, by Willits & Waters, civ. engrs. 1871. Judson S. Bird, civil engineer, Jackson, Mich. lith. Chas. Shober. Chicago [1871?]. —— M H C.

7615. **Detroit** in 1708. [n. p., n. d.]. —— B.

7616. **De Lery's** plan of Detroit. [n. p.] 1749. —— B.

7617. **Fort** and settlements of Detroit A. D. 1763. [n. p., 1763?]. —— B.

7618. **Detroit** in 1763 from Bellin's atlas of 1764. [n. p., n. d.]. —— B.

7619. Fort de Detroit et ses environs. [n. p.] 1768. —— B.

True copy of map in the Dominion archives, Ottawa.

7620. Fort du Detroit in 1780. [n. p., n. d.]. —— B.

7621. Plan of government ground. Detroit, 1792. —— B.

True copy of plan in the Dominion Archives, Ottawa.

7622. Detroit prior to the fire of June 11, 1805. Prepared by C. M. Burton, Wayne county abstract office, from official records. R. J. Mackey, draughtsman. New York, Photo-gravure co. [1889]. —— L C.

7623. Plat of the city of Detroit as laid out by the gov'r and judges. —— B.

Photo copy.

7624. A plan of the city of Detroit. Drawn by Abijah Hull, surveyor of Michigan, January, 1807. [n. p., 1807?]. —— B.

7625. Map of the city of Detroit in the state of Michigan by John Farmer, district surveyor. Eng. by C. B. & J. R. Graham, lithographers. New York, c1835. —— B; G.

7626. City of Detroit, Michigan. From late and accurate surveys. May, 1837. New York N. Currier's lith., c1837. —— B.

7627. Map of the city of Detroit, Michigan. By A. E. Hathon, A. M. [n. p.] 1849. —— B.

7628. City of Detroit, Wayne county, Michigan. Surveyed and published by Henry Hart, civil engineer & architect. New York, 1853. —— B.

7629. City of Detroit. Published by J. D. Johnston. [Detroit] 1853-4. —— B.

7630. A counting house map of the city of Detroit. Drawn, engraved and published by John Farmer. (Inset: Farmer, John. Map of Wayne county, Michigan. Detroit, J. Farmer, 1855). —— L C.

7631. Guide map of the city of Detroit. Drawn by Eugene Robinson. Detroit, S. Farmer & co., c1863. —— B; L C.

7632. Map of Elmwood cemetery, city of Detroit. Drawn by Eugene Robinson, city surveyor. Published by Silas Farmer & co. Detroit, 1865. —— B; L C.

7633. Munro's map. Compiled by J. F. Munro. Approved & adopted by the Common council, May 12, 1857. Rev. ed. Detroit, Munro & Sage sons & co., 1868. —— L C.

7634. J. W. Frisbie's hand book and guide map of the city of Detroit. [Drawn by Eugene Robinson]. Detroit, S. Farmer & co. [1870]. —— L C.

7635. Map showing the fire limits, paved streets & sewers. From drawings by Eugene Robinson. Detroit, order of Common council, 1870. —— L C.

7636. **Map** of the city of Detroit, Michigan, 1871; compiled by Eugene Robinson, city surveyor. Lithographed & published by the Calvert lith. eng. & map pub'g. company. Detroit, 1871. —— L C; S.

7637. **Guide map** of Detroit. [Detroit?] c1871. —— B.

7638. **Map** and manual of the city of Detroit. Detroit, S. Farmer & co. [1872]. 79 p., 1 fold. map. ——B; L C.

7639. **Guide map** of the city of Detroit. Drawn by Eugene Robinson. Detroit, S. Farmer & co. [1872]. —— L C.

7640. **Map** of the principal business portion of the city of Detroit, Michigan. Detroit, The Crowe printing and engraving co. [1876]. —— L C.

7641. **Detroit** and its environs. Compiled from official and original sources by Charles H. Ellis. Detroit, S. Farmer & co., 1876. —— L C.

7642. **Detroit** and its environs. Compiled from official and original sources by Chas. H. Ellis . . . Detroit, Silas Farmer & co., 1877. —— S.

Copyright 1876.

7643. **Guide map** of the city of Detroit. Published by Silas Farmer & co. Detroit, c1878. —— B; L C.

7644. **Map** of the city of Detroit, Mich. Compiled & corrected by Eugene Robinson. Detroit, The Calvert lith. & eng. co., 1879. —— L C.

7645. **Wards** and election districts—city of Detroit. Map of the city of Detroit compiled by Eugene Robinson. Detroit, The Calvert lith. co., 1881. —— S.

"Ent'd acc'g to act of congress A. D. 1873 by Eugene Robinson, in the office of the librarian of congress at Washington."

7646. **Atlas** of the city of Detroit and suburbs, Hamtramck, Springwells and Greenfield, from official records and actual surveys. New York, E. Robinson, 1885. 1 p. l., 30 maps. —— D; L C.

7647. **Map** of Elmwood cemetery prepared under the direction of A. W. Blain, superintendent of the grounds. Published by Silas Farmer & co. Detroit, c1886. —— B.

7648. **Guide map** of the city of Detroit. Published by Silas Farmer & co. Detroit, c1886. —— B.

7649. **Detroit** and its environs. Compiled from official and original sources, by C. H. Ellis and Silas Farmer. Published by Silas Farmer & co. Detroit, c1887. —— B.

7650. **Rascher's** maps of Detroit. Chicago, The Rascher map publishing company, v. 1 & 2, 1888; v. 3, 1889. —— B.

7651. Map of Detroit. Published by Silas Farmer & co. Detroit, c1890. —— B.

7652. Detroit and its environs. Published by Silas Farmer & co. Detroit, c1890. —— B.

7653. Map of the city of Detroit, Michigan. 1891. Lithographed & published by the Calvert lith. & eng. co. Detroit, c1890. —— B.

7654. Map of the city of Detroit, Michigan. Lithographed & published by the Calvert lith. & eng. co. Detroit, 1892. —— B.

7655. Detroit and its environs. Compiled from official and original sources. Published by Silas Farmer & co. Detroit, c1892. —— B.

7656. The Mathews-Northrup up-to-date map of Detroit, Michigan. Buffalo and New York, c1893. —— B.

7657. Map of the city of Detroit, Michigan. Detroit, R. L. Polk & co., 1893. —— B.

7658. Map of the city of Detroit, Michigan. Drawn and published by Wm. C. Sauer. [Detroit] 1893. —— B.

7659. Map of the city of Detroit, Michigan. 1894. Detroit, R. L. Polk & co., c1894. —— B.

7660. Map of Detroit. Chicago, H. Arthur & co., c1895. —— B.

7661. Handy indexed map of the city of Detroit showing complete street railway system to date. October, 1895. Detroit, L. D. Tallman, 1895. —— B.

7662. Guide map of the city of Detroit for bicyclists, showing pavements. Lithographed and published by the Calvert lith. & eng. co. Detroit, c1896. —— B.

7663. Plan of Elmwood cemetery, surveyed and drawn under the direction of the Board of trustees, by David Molitor . . . Detroit, 1896. —— G.

7664. New map and guide of the city and environs of Detroit. Published by Silas Farmer & co. Detroit, c1898. —— B.

7665. The official map of the city of Detroit. With all streets and corner house numbers. Published by Silas Farmer & co. Detroit, c1898. —— B.

7666. Map of the city of Detroit, Michigan. 1899. Showing paved streets, public schools, police stations, fire engine and ladder houses. Published by Calvert lithographing company. Detroit, c1899. —— B.

7667. Map of Detroit. Published by Silas Farmer & co. Detroit, c1899. —— B.

7668. Map of the city of Detroit, Michigan. Published by Wm. Sauer. [Detroit] 1899. —— U.

7669. **Map** of the city of Detroit, Michigan. 1900. Showing wards and election districts. Lithographed & published by the Calvert lith. & eng. co. Detroit, c1899. —— B.

7670. **Map** of the city of Detroit, Michigan. 1901. Showing paved streets. Published by Calvert lithographing co. Detroit, c1901. —— B.

7671. **Map** of Detroit. Published by Silas Farmer & co. Detroit, c1901. —— B.

7672. **Map** of the sewers of the city of Detroit, 1901. R. H. McCormick, city engineer. Lithographed by the Calvert lith. & eng. co. Detroit, c1900. —— B.

7673. **Map** of the city of Detroit, Michigan. Detroit, R. L. Polk & co., 1901. —— B.

7674. **Map** of the city of Detroit, Michigan. 1902. Issued by the Department of public works. Detroit, 1902. —— B.

7675. **The official map** of the city of Detroit. With all streets and corner house numbers. Published by Silas Farmer & co. Detroit, c1902. —— B.

7676. **New map** of Detroit, Delray, Highland Park, Hamtramck, Woodmere, River Rouge. Published by Silas Farmer & co. Detroit, c1902. —— B.

7677. **Map** of the city of Detroit, Michigan. 1904. Issued by the Department of public works. Detroit, c1904. —— B.

7678. **The industrial map** of Detroit showing its manufacturing, mercantile and railroad interests with shipping facilities. Published by Silas Farmer & co. Detroit, c 1904. —— B.

7679. **Baist's** real estate atlas of surveys of Detroit, Mich. . . . Compiled and published from official records, private plans and actual surveys . . . Philadelphia, G. W. Baist, 1906. 1 p. l., 33 maps. —— L C.

7680. **Map** of the city of Detroit, Michigan. Showing paved streets, public schools, police stations, fire engine and ladder houses, to January 1, 1907. Published by Calvert lithographing co. Detroit, c1907. —— B.

7681. **New map** of Detroit and suburbs including Delray, Woodmere, River Rouge, Oakwood, Highland Park, Hamtramck, St. Clair Heights, Fairview and Grosse Pointe. Published by Silas Farmer & co. Detroit, c1907. —— B.

7682. **Birds eye view** of Detroit [in] 1908. [Detroit] c1907. —— U.
Issued by the Hurd-Martin Co.

7683. **R. L. Polk & co's** map of the city of Detroit, Michigan. Detroit, R. L. Polk & co., 1908. —— U.

7684. **Map** of the city of Detroit, Michigan. Detroit, Calvert lithographing co., 1909. —— B.

7685. **A new map** of Detroit and suburbs; includes River Rouge, Oakwood, Highland Park, Hamtramck, St. Clair Heights and Grosse Pointe. Detroit, S. Farmer & co., c1909. —— D.

7686. **The parks** of Detroit. Issued by public improvement committee. Board of commerce. Detroit, 1910. —— B.

7687. **Baist's** real estate atlas of surveys of Detroit and Highland Park, Mich., complete in one volume. Compiled and published from official records, private plans and actual surveys, by G. Wm. Baist [assisted by] Wm. E. and H. V. Baist. Philadelphia, G. W. Baist, 1911. 1 p. l., 33 (i. e. 34) col. maps. —— B; D; L C.

7688. **Map** of the central business district of Detroit, Mich., showing the location of railroad depots, steamboat docks, parks and leading hotels. Prepared by the Detroit convention and tourists' bureau. [Detroit, 1911?]. —— G.

7689. **Map** of the improved portion of Grand Lawn cemetery. Located on Grand River avenue, Detroit. [Detroit?] 1911. —— B.

7690. **Map** of the city of Detroit, Michigan. Showing streets with house numbers, street car lines and the location of the principal industrial, educational and religious buildings. Drawn and published by Sauer bros. and Frydrych. [Detroit] 1912. —— U.

7691. **Suburban pocket map** of the city of Detroit, Michigan; a general map of the city and environs . . . [Detroit, Sauer bros., 1912?]. —— B.

7692. **Industrial map** of Detroit and suburbs naming and locating all factories. [Detroit?] c1912. —— D.

7693. **Map** of the city of Detroit showing the enlargements by acts of the legislature. [Detroit? 1912?]. —— B.

7694. **Farmer's** ideal map of Detroit. [Detroit, Silas Farmer & co., 1913]. —— B.

7695. **New map** of the new north Woodward district. Published by Michelson land and home co. Detroit, c1914. —— B.

7696. **Commercial pocket map** of Detroit showing streets, street car lines and the location of the principal factories and public buildings. Detroit, Wm. Sauer, c1914. —— U.

7697. **Map** of the city of Detroit, Michigan, showing steam and electric railways and the location of the principal manufactories, etc. Drawn and published by Wm. Sauer. [Detroit] c1914. —— U.

7698. **Map** of the city of Detroit and environs. [Detroit, Mich.] Sauer bros., c1916. —— G.

7699. **Detroit.** Hannan's golf club addition. [Detroit, 1917?]. —— B.

7700. **Blue print plan** of the down town district of Detroit. [n. p., n. d.]. —— B.

7701. **Detroit.** Campbell Park subdivision. [n. p., n. d.]. —— B.

7702. **Norwood estates** just off Woodward avenue in the Birmingham district, Detroit. [n. p., n. d.]. —— B.

7703. **Map** of Detroit showing the wonderful development on Woodward avenue; properties of James G. Pierce associated co's. in red; showing location of Cass Lake Highlands. [n. p., n. d.]. —— B.

7704. **Map** of the city of Flint, Genesee county, Michigan. Compiled by order of the Common council, by G. T. Clark and Stephen Mathewson, civil engineers and surveyors. Flint, 1873. —— B; L C.

7705. **Map,** Grand-Haven, Ferrysburg and Mill-point, Ottawa county, Michigan. Surveyed by H. Bean, T. Fletcher & S. S. Montague. Drawn & published by Sam. S. Montague. Lith. of Ed. Mendel. Chicago [1856?]. —— S.

7706. **Plat** of the city of Grand Rapids, situated on the rapids of Grand river, the county of Kent and state of Michigan, by J. Almy, engineer. [n. p., 1832]. —— G.

7707. **A plat** of the village of Grand Rapids, situated on the S. ½ of N. E. fr. Qur. Sec. 25, T 7 N. R. 12 W., M[ich.] T[er.]. Tousant Campau, proprietor; surveyed August 28th, 1833 by C. Barnes. [Grand Rapids, Mich.?] 1833. —— G.

Pen and ink map.

7708. **Plat** of the subdivision of lot nos. 1 & 2, in section 25 township 7 N R 12 W, state of Michigan, generally known as the Mission Reserve & constituting part of the 5th ward of the city of Grand Rapids, as surveyed and laid out for the proprietor J. W. Converse, esq., by J. Almy, Nov. 1st. 1856, and recorded in the Register's office in the county of Kent in liber 7, at page 560. Boston, F. F. Oakley's lith., 1856. —— G.

7709. **Grand Rapids,** Michigan, 1868. Chicago, Chicago lithographing co., 1868. —— G.

Birds eye view by A. Ruger.

7710. **Grand Rapids,** Michigan, 1874. Charles Shober & co., publishers. Chicago, Chicago lith. co., 1874. —— G.

Birds eye view.

7711. **Map** of the city of Grand Rapids, Michigan. [Grand Rapids?] 1876. —— B.

7712. **The city of Grand Rapids,** Mich. [Grand Rapids] Collar & Greiner, 1884. —— L C.

7713. [**Birds eye view** of] Grand Rapids, Michigan, 1886. Grand Rapids, Mich., Cole and Demar, 1886. —— G.

Thirty three illustrations in margin.

7714. **Grand Rapids,** Michigan. Published by the Sanborn map & publishing co. New York, 1888. —— B.

7715. **The city of Grand Rapids,** Michigan; compiled by Fred W. Stevens . . . [Detroit?] R. L. Polk & co., c1890. —— G.

7716. **Grand Rapids.** Chicago, Geo. F. Cram [189–?]. —— G.

7717. [**Grand Rapids public**] **library** site. [Grand Rapids, Mich.] 1901. —— G.

Blue print map.

7718. [**Map** showing] location of building east of [Grand Rapids public] library site. [Grand Rapids, Mich.] 1901. —— G.

7719. [**Map**] showing location of [Grand Rapids public] library site, also streets and sewer grades in adjacent streets. [n. p.] 1901. —— G.

Blue print map.

7720. **Map** of the city of Grand Rapids and environs . . . [showing how the Grand Rapids public library dots the city]. Grand Rapids, R. L. Polk & co., c1906. —— G.

7721. **R. L. Polk & co's** map of the city of Grand Rapids and environs, from official records, original plats and actual surveys by D. and F. E. Skeels, civil engineers. Grand Rapids, Mich., R. L .Polk & co., 1883-1907. —— G.

9 maps.

Title varies.

*The Grand Rapids Public Library has 1883, 1888, 1892-1894, 1896, 1901, 1903, 1907.

7722. **Map** of the city of Grand Rapids and environs. Compiled by Rumsey and Works. Grand Rapids, Mich., Grand Rapids directory co., 1912. —— G.

7723. **Nellist's** map of one day trips around Grand Rapids. Grand Rapids, Mich., John F. Nellist, c1915. —— G.

7724. **Ellsworth's addition** to the city of Grand Rapids, Kent co., Michigan. Drawn by W. L. Coffinberry . . . New York, F. Mayer & co., lith. [n. d.]. —— G.

7725. **Map** of the village of Grosse Pointe Farms, Wayne co., Mich. 1912. Traced from map compiled and delineated by Thomas Campau and son, civil engineers and surveyors. Revised and corrected to July, 1912. [n. p., 1912]. —— B.

Blue print map.

7726. **Birds eye view** of Hancock, L. S., Mich. 1873. Drawn and pub. by A. J. Cleveland. [n. p.] American oleograph co. print [n. d.]. —— B.

7727. **Map** of Highland Park, Woodward Heights and vicinity. [n. p., n. d.]. —— B.

Issued by Stewart and Fry, real estate.

7728. **Plan** of the canal and town of Huron in Michigan. New York, N. Curriers [1847?]. —— G.

7729. **Map** of Jackson, Jackson co., Mich. Surveyed & published by Henry Hart . . . New York, 1853. —— S.

7730. **Map** [of] Jackson, Michigan, from official records and special surveys. Drawn by J. S. Bird, C. E. Philadelphia [?] J. S. Bird, 1871. —— S.

7731. **State fair grounds,** Jackson, Mich. Chicago, Rand, McNally & co., 1886. —— L C.

Map by J. B. Frost.

7732. . . . **Jacobsville** and vicinity, Keweenaw Bay, Lake Superior, showing obstructing rocks in vicinity of dock wrecked by recent storms, Oct. 1905. [Washington, 1905?]. —— U.

Issued by U. S. War dept., corps of engineers, lake survey.

7733. **Condensed street map** of Kalamazoo, Michigan, compiled and drawn by the Michigan engineering co. [Kalamazoo, Mich., Beecher, Kymer and Patterson, 1912?]. —— G.

Cover title: Indexed street map of Kalamazoo, Michigan.

7734. . . . **L'Anse** including Portage Entry and Port of Keweenaw Bay, Lake Superior. Projected from a trigonometrical survey under the orders of col. J. D. Graham, corps of engineers in 1863 and of Col. W. F. Raynolds . . . in 1864 and 1865. Published in 1866. [Washington?] 1866. —— L C; U.

Issued by U. S. War dept., corps of engineers, lake survey.

7735. **Map** of the Town of Michigan (Comprising section sixteen and portions of nine and twenty one) in the county of Ingham. Surveyed by T. M'Cracken. Miller's lith. N. Y. [n. d.]. —— M H C; S.

7736. **Map** of the town of Lansing and adjoining towns, embracing portions of the counties of Clinton, Eaton and Ingham, Michigan . . . Detroit, Macy & Driggs, c1847. —— G.

7737. **Map** of the city of Lansing, Mich., published by Waterbury & Emery, showing streets, blocks, additions and subdivision, also hydrants [etc.]. Corrected to June 1st 1888. [Lansing? 1888?]. —— S.

7738. **Map** of the city of Lansing, published by A. M. Emery. [Lansing?] 1914. —— S.

7739. **Map** of the city of Lansing, Michigan [showing] North Highland, the new subdivision. (In The state journal, Lansing, May 11, 1917). —— U.

Issued by North Highland company.

7740. . . . **Map** of the city of Lansing. [Lansing] The Dyer-Jenison-Barry co., ltd. [n. d.]. —— S.

7741. **Map** of city of Lansing, published by John A. Kerr & co. Compiled from the records of the state by W. A. Barnard, of the State land office, and L. D. Preston, surveyor and C. E., Lansing, Mich. Detroit, Michigan, The Calvert lith. co. [n. d.]. —— M H C; S.

7742. **Mackinaw City,** from actual survey made August, 1857, by R. C. Phillips. Cincinnati, 1857. —— G.

7743. **[Birds eye view** of] Marquette, L. S., Mich., Beck & Pauli, litho. Milwaukee, Wis. [1886?]. —— M H C.

7744. **Contemplated seat** of government of Michigan. Plan of the city of Marshall, Calhoun county, Michigan, by O. Wilder. New York, P. A. Mesiers' lith. [n. d.]. —— B.

7745. **Rascher's** fire insurance atlas of Muskegon city and North Muskegon, Mich. Surveyed and published by the Western fire map publishing co. Chicago, 1883. Caption title, 46 p. —— B.

7746. **Outline map** of Muskegon, Michigan. [n. p.] 1911. —— G.

Blue print map.

7747. **Plat** of New Baltimore, Michigan. [Detroit? n. d.]. —— B.

7748. **Map** of Saginaw comprising the cities of Saginaw and East Saginaw Michigan. By Charles Holmes and Harrison Cary. New York, Am. photo-litho co., 1882. —— S.

Another map, smaller size. —— L C.

7749. **Map** of St. Clair, St. Clair county, Mich. Surveyed & published by Willm. Hancock. St. Clair, W. Hancock [1854]. —— L C.

7750. **City** of Saint Joseph, Berrien county, Michigan. [n. p., 1836?]. —— B; G.

7751. **Sanilac Centre,** Michigan. Hubbard & King's subdivision of north half of northeast quarter of section 5, town 11 north, range 14 east, also of west half of southeast quarter of section 32, town 12 north, range 14 east. [n. p., n. d.]. —— B.

Manuscript. Undated.

7752. **Illustrated atlas** of the twin cities Sault Ste. Marie, Michigan and Ontario, containing general and detail maps, showing streets with sewers and water mains, subdivisions with lots and their dimensions, private claims, etc. etc. Also maps of the hemispheres, world, United States and Michigan, with early and present history of the twin cities and surrounding country. Detroit, Mich., Wm. C. Sauer, C. E., 1888. 2 p. l., 3-92 p., col. maps. —— S.

7753. [**Map** of] Waverly, Ottawa county, Michigan; surveyed and platted by F. E. Skeels, surveyor. [n. p., n. d.]. —— G.

7754. **Plat** of the village of Woodwardville. [n. p., n. d.]. —— B.

7755. **City of Ypsilanti,** Washtenaw county, Michigan. Surveyed and drawn by C. S. Woodard, C. E. Chicago, Chas. Shober. lith., 1859. —— S.

F

GEOLOGICAL AND TOPOGRAPHICAL

7756. . . . **Ann Arbor quadrangle** . . . Surveyed in 1901-2 in cooperation with the state of Michigan. [Washington, 1902?]. —— G; U.

Quadrangle maps are issued as U. S. Geological survey, topographic atlas sheets.

7757. . . . **Ann Arbor quadrangle** . . . Surveyed in 1901-1902 in cooperation with the state of Michigan. Engraved Feb. 1904. by U. S. G. S. Edition of April, 1904. [Washington, 1904?]. —— S; U.

7758. . . . **Ann Arbor quadrangle** . . . Surveyed in 1901-1902 in cooperation with the state of Michigan. Edition of April, 1904. Reprinted Dec. 1908. [Washington, 1908?]. —— U.

7759. . . . **Ann Arbor quadrangle.** Edition of Dec. 1907. Reprinted with changes after field revision Dec. 1914. [Washington, 1914?]. —— U.

7760. . . . **Ann Arbor folio,** Michigan, [by I. C. Russell and Frank Leverett] . . . Washington, D. C., U. S. Geological survey, 1908. Cover title, 15 p., 3 maps. (U. S. Geological survey, geologic atlas of the United States, no. 155). —— D; L C; S; U.

7761. **Ibid.** Washington, D. C., U. S. Geological survey, 1915. Cover title, 18 p., 3 maps. (U. S. Geological survey, geologic atlas of the United States, no. 155, reprint). —— L C.

"The Ann Arbor folio pub. in 1908 . . . is here reprinted without field revision. The text, however, has been rev. in the light of facts disclosed by studies in adjacent regions."

7762. **Surface geology;** Bay county [flowing wells], compiled by W. F. Cooper. Grand Rapids, Mich., Mich. lith. co., 1905. —— G.

Issued by Michigan geological survey.

7763. **Surface geology;** Bay county [sand areas], compiled by W. F. Cooper. Grand Rapids, Mich., Mich. lith. co., 1905. —— G.

Issued by Michigan geological survey.

7764. Topographic map of Bay county, [showing location of drill holes for coal], compiled by W. F. Cooper. Grand Rapids, Mich., Mich. lith. co., 1905. —— G.

Issued by Michigan geological survey.

7765. . . . **Calumet special map** . . . Surveyed in 1908-1909. Engraved Mar. 1911 by U. S. G. S. Edition of May, 1911. [Washington, 1911?]. —— S; U.

7766. . . . **Chesaning quadrangle** . . . Surveyed in cooperation with the state of Michigan. Engraved, 1916, by U. S. G. S. Edition of 1917. [Washington, 1917?]. —— S.

7767. . . . **Crystal Falls quadrangle** . . . Surveyed in 1891 and 1895. Engraved Oct. 1898, by U. S. G. S. Edition of Feb. 1899. [Washington, 1899?]. —— S; U.

7768. . . . **Detroit quadrangle** . . . Surveyed in 1904. Surveyed in cooperation with the state of Michigan. Engraved Aug., 1905, by U. S. G. S. Edition of Dec., 1905. [Washington, 1905?]. —— S. U.

7769. . . . **Detroit folio:** Wayne, Detroit, Grosse Pointe, Romulus, and Wyandotte quandrangles, Michigan, by W. H. Sherzer; surveyed in cooperation with the state of Michigan. Washington, D. C., engraved and printed by the U. S. Geological survey, 1917. Cover title, 22 p., 11 maps. —— S.

7770. . . . **Dexter quadrangle.** Jno H. Renshawe, geographer in charge, topography by Robert Muldrow and E. C. Bebb, control by U. S. Lake survey and Geo. T. Hawkins. Surveyed in 1901-1902. Surveyed in cooperation with the state of Michigan. Engraved July, 1905 by U. S. G. S. Edition of Feb. 1906. [Washington, 1906?]. —— S.

7771. . . . **Map** to accompany the cross sections of the Eagle River district . . . (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien, lith. [1874?], pl. XX). —— B; M H C; S; U.

7772. . . . **Cross section** of the Eagle River district no. 1 . . . (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. XXI). —— M H C; S; U.

7773. . . . **Eagle River** section no. 2. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. XXII). —— M H C; S; U.

7774. . . . **Fowlerville quadrangle** . . . Surveyed in 1908. Surveyed in cooperation with the state of Michigan. Engraved Apr. 1910, by U. S. G. S. Edition of June, 1910. [Washington, 1910?]. —— S; U.

7775. . . . **Grand Rapids quadrangle** . . . Surveyed in 1911-1912. Surveyed in cooperation with the state of Michigan. Engraved May, 1914, by U. S. G. S. Edition of Oct. 1914. [Washington, 1914?]. —— S.

7776. . . . **Grosspoint quadrangle** . . . Surveyed in 1904. Surveyed in cooperation with the state of Michigan. Engraved Aug. 1905, by U. S. G. S. Edition of Oct. 1905. [Washington? 1905?]. —— S; U.

7777. . . . **Houghton quadrangle** . . . Surveyed in 1908, 1909, 1911 and 1912. Engraved Aug. 1914, by U. S. G. S. Edition of Feb. 1915. [Washington, 1915?]. —— S.

7778. . . . **Grouped cross sections** illustrating certain stratigraphical relations between Houghton and Keweenaw counties . . . (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. XIX). —— M H C; S.

7779. . . . **Howell quadrangle** . . . Surveyed in 1906-1907. Surveyed in cooperation with the state of Michigan. [Washington, 1907?]. —— U.

7780. . . . **Howell quadrangle** . . . Surveyed in 1906-1907. Surveyed in cooperation with the state of Michigan. Engraved Jan. 1909, by U. S. G. S. Edition of April, 1909. [Washington, 1909?]. —— S.

7781. **Sketch map** showing surface geology about the northern shores of lakes Huron and Michigan, by Israel C. Russell. Areas occupied by swamps, muck-soil, etc., not represented. [Lansing? 1904]. —— G.

Accompanies the Annual report of the Michigan geological survey for 1904 as plate xvi. Map colored.

7782. . . . **Iron River quadrangle** . . . Surveyed in 1891-95. Engraved Oct. 1898, by U. S. G. S. Edition of Dec. 1898. [Washington, 1898?]. —— S; U.

7783. **Geological map** of the trap range of Keweenaw Point, Lake Superior, by Wm. H. Stevens, Samuel W. Hill & C. P. Williams. Philadelphia, R. L. Barnes [1863]. —— L C.

7784. . . . **Lansing quadrangle** . . . Surveyed 1909 and 1910. Surveyed in cooperation with the state of Michigan. Engraved June, 1912, by U. S. G. S. Edition of Aug. 1912. [Washington, 1912?]. —— S; U.

7785. **Geological map** of the lower peninsula, by C. Rominger, state geologist. [New York?] Julius Bien, lith., 1867. —— G.

7786. **Map** showing geological formations and contours of rock surface of the southern peninsula of Michigan, revised from state reports and unpublished data by Alfred C. Lane. Baltimore, Md., 1905. (U. S. Geological survey, water supply paper no. 182, pl. 2). —— G.

7787. **Map** of the surface formation of the southern peninsula of Michigan, by Frank Leverett, United States geologist, in cooperation with Frank Taylor and members of the Michigan geological survey, 1911. [Washington? 1911]. —— G; M H C; S; U.

7788. . . . **Marquette quadrangle** . . . Surveyed in 1905. Surveyed in cooperation with the state of Michigan. Engraved Jan. 1907, by U. S. G. S. Edition of April, 1907. [Washington, 1907?]. —— S; U.

7789. . . . **Mason quadrangle** . . . Surveyed in 1908-1909. Surveyed in cooperation with the state of Michigan. Engraved Sept. 1911, by U. S. G. S. Edition of Dec. 1911. [Washington, 1911?]. —— S; U.

7790. Description of the Menominee quadrangle, by Charles Richard Van Hise and William Shirley Bayley. 13 p., 2 maps. (In U. S. Geological survey. Geologic atlas of the United States. Menominee special folio, Michigan . . . Engraved and printed by the U. S. Geological survey. Washington, D. C., 1900). —— U.

7791. . . . **Menominee special map** . . . Surveyed in 1898. Engraved Mar. 1900, by U. S. G. S. Edition of April, 1901. [Washington, 1901?]. —— S; U.

7792. Geological survey of Michigan . . . surface (pleistocene) geology; compiled by John F. Nellist from notes of F. Leverett and F. B. Taylor and various members of the state survey, (with permission of the U. S. Geological survey). Grand Rapids, Mich. [1907?]. —— G.

7793. . . . **Milford quadrangle** . . . Surveyed in 1906-1908. Surveyed in cooperation with the state of Michigan. Engraved Oct. 1909, by U. S. G. S. Edition to Dec. 1909. [Washington, 1909?]. —— S.

7794. Surface geology (pleistocene) of Monroe county. Mapped by W. H. Sherzer; assistants W. D. Cramer, R. R. Putman, De Forest Ross. [Washington? 1900]. —— U.

7795. Ned Lake sheet . . . Edition of August, 1895. [Washington, 1895?]. —— U.

In series: U. S. Geological survey, topographic atlas sheets.

7796. Pench Lake sheet . . . Edition of Aug. 1895. [Washington, 1895?]. —— U.

In series: U. S. Geological survey, topographic atlas sheets.

7797. . . . **Pontiac quadrangle** . . . Surveyed in 1905-1906. Surveyed in cooperation with the state of Michigan. Engraved June, 1907, by U. S. G. S. Edition of Nov. 1907. [Washington, 1907?]. —— S; U.

7798. . . . **Map** to accompany the cross sections of the Portage Lake district . . . (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?]. pl. XIV a and b). —— M H C; S; U.

7799. . . . **Cross sections** near Portage Lake, south shore . . . (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. XV-XVIII). —— M H C; S; U.

7800. . . . **Map** of Republic Mountain and vicinity, situated in sects. 7 and 18, T. 46 N., R. 29 W., Marquette co., Mich. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873. . . . New York, Julius Bien [1874?], pl. VI). —— M H C; S; U.

7801. . . . **Magneto-geological chart** of Republic Mountain, Marquette co., Mich. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. II [xi?]). —— M H C; S; U.

7802. . . . **Rochester quadrangle** . . . Surveyed in 1906. Surveyed in cooperation with the state of Michigan. Engraved Oct. 1907, by U. S. G. S. Edition of Feb. 1908. [Washington, 1908?]. —— S; U.

7803. . . . **Romulus quadrangle** . . . Surveyed in 1903. Surveyed in cooperation with the state of Michigan. Engraved Feb. 1906, by U. S. G. S. Edition of April, 1906. [Washington, 1906?]. —— S.

7804. . . . **Sagola quadrangle** . . . Surveyed in 1891-95. Engraved Oct. 1898, by U. S. G. S. Edition of Jan. 1899. [Washington, 1899?]. —— S; U.

7805. . . . **St. Charles quadrangle** . . . Surveyed in 1914. Surveyed in cooperation with the state of Michigan. Engraved 1916, by U. S. G. S. Edition of 1917. [Washington, 1917?]. —— S.

7806. . . . **Saline quadrangle** . . . Surveyed in 1901-1902. Survey made in cooperation with the state of Michigan. Engraved Jan. 1906, by U. S. G. S. Edition of April, 1906. [Washington, 1906?]. —— S; U.

7807. . . . **South Lyon quadrangle** . . . Surveyed in 1901-1902. Surveyed in cooperation with the state of Michigan. Engraved Nov. 1905, by U. S. G. S. Edition of Mar. 1906. [Washington, 1906?]. —— S.

7808. **Geological map** of the Lake Superior land district in the state of Michigan prepared pursuant to an act of congress approved March 1st, 1847, entitled "An act to establish a new land district and to provide for the sale of mineral lands in the state of Michigan". By J. W. Foster & J. D. Whitney, U. S. geologists. New York, J. Ackerman, lith. [1848]. —— L C; S; W.

7809. **Geological map** of the district between Keweenaw Bay and Chocolate River, Lake Superior, Michigan. J. W. Foster & J. D. Whitney, U. S. geologists. New York, Ackerman, lith. [1851?]. —— L C; S.

7810. **Section** and diagram illustrating the geology of the region between the northern shores of lakes Superior and Michigan. [by J. W. Foster and J. D. Whitney]. New York, Ackerman, lith. [n. d.]. —— S; W.

7811. . . . **Three Rivers quadrangle** . . . Surveyed in 1914. Surveyed in cooperation with the state of Michigan. Engraved 1916, by U. S. G. S. Edition of 1916. [Washington, 1916?]. —— S; U.

7812 **Topographical map** of Tuscola county by C. A. Davis, assisted by A. C. Lane. J. F. Nellist, draughtsman. [n. p.] 1904. —— G.

Issued by Michigan geological survey.

7813. **Geological map** of a district of township lines in the northern peninsula of Michigan, surveyed by Wm. A. Burt, in the year 1846. Baltimore, lith. by E. Weber [1846]. —— L C.

7814. . . . **Atlas** accompanying reports on iron-bearing rocks. T. B. Brooks. New York, Julius Bien, 1873. Cover title, xii plates, 2 charts. —— U.

At head of title: Geological survey of Michigan.

7815. . . . **Map** of the upper peninsula. Paleozoic rocks by C. Rominger; copper-bearing rocks (Huronian), by T. B. Brooks; Laurentian rocks by Brooks and Pumpelly. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. I). —— B; M H C; S; U.

7816. . . . **Map** of the central portion of the upper peninsula, Michigan. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1873 . . . New York, Julius Bien, lith. [1874?], pl. II). —— B; M H C; S; U.

7817. **Michigan. Geological survey.** Geological survey of Michigan. Atlas accompanying reports on upper peninsula, 1869-1873. New York, Julius Bien [1874?]. Cover title, 13 maps, 9 pl., 2 tab. —— D; L C; M H C; S; U.

7818. . . . **Map** of the surface formation of the northern peninsula of Michigan. By Frank Leverett, United States geologist. 1911. [Washington? 1911]. —— G; M H C; S; U.

At head of title: Geological survey of Michigan. R. C. Allen, state geologist, in cooperation with the United States geological survey; George Otis Smith, director.

7819. . . . **Wayne quadrangle** . . . Surveyed in 1903. Surveyed in cooperation with the state of Michigan. Engraved Jan. 1905, by U. S. G. S. Edition of Feb. 1905. [Washington, 1905?]. —— S; U.

7820. . . . **Witbeck quadrangle** . . . Surveyed in 1891-96. Engraved Nov. 1898, by U. S. G. S. Edition of Jan. 1899. [Washington, 1899?]. —— S; U.

7821. . . . **Wyandotte quadrangle** . . . Surveyed in 1903-1904. Surveyed in cooperation with the state of Michigan. Engraved Jan. 1906, by U. S. G. S. Edition of Mar. 1906. [Washington, 1906?]. —— S; U.

7822. . . . **Ypsilanti quadrangle** . . . Surveyed in 1901-1902. Surveyed in cooperation with the state of Michigan. Engraved Feb. 1906, by U. S. G. S. Edition of June, 1906. [Washington, 1906?]. —— S.

G

MINES AND MINERAL REGIONS

7823. . . . **Geological section** in the Central mine. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien, 1874?], pl. XXIII). —— M H C; S; U.

7824. . . . **Map** of Champion mine, Marquette co., Mich. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. VII). —— M H C; S; U.

7825. **Sketch map** of the copper range of northern Michigan showing principal properties. (In Mining financial news. New York, March 3, 1910). —— U.

7826. . . . **Map** of iron mines at Negaunee, Michigan, including the Jackson and the Hematite mines. Topography by C. D. Lawton, C. E. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, J. Bien [1874?], pl. V). —— B; M H C; S; U.

7827. **Furnaces** consuming L. S. Ores. Production of pig iron. Metallurgical and chemical character of the ores. Jany. 1873. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. XIII). —— M H C; S; U.

7828. . . . **Statistics** of the iron ore trade and iron mines of the upper peninsula, 1854 to 1873. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. XII). —— M H C; S; U.

7829. . . . **Map** of the Marquette iron region, upper peninsula, Mich., 1872. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. III). —— B; M H C; S; U.

7830. . . . **Map** of the Menominee iron region, upper peninsula, Mich., 1872. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. IV). —— M H C; S; U.

7831. **Menominee iron range** of Michigan and Wisconsin, compiled from U. S. Gov't surveys, and other authentic resources. Milwaukee, S. Chapman [1881]. —— L C.

7832. **Method** of sinking shafts, Mohawk mine; dip of no. 4 shaft 35° -45′; showing bucket in three different positions as it ascends. [n. p., n. d.]. —— B.

Blue print map.

7833. . . . **Map** of the New York mine of Marquette co., Mich. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. X). —— M H C; S; U.

7834. **Map** of the mineral district of northern Michigan. Chicago., Franklin co. [n. d.]. —— G.

Issued by Michigan college of mines, Houghton.

7835. . . . **Map** of Lake Superior mine, Marquette co., Mich. (In Michigan geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. IX). —— B; M H C; S; U.

7836. **Map** of the mineral region of the south shore of Lake Superior. From the U. S. surveys of 1845, by J. Houghton, jr. & T. W. Bristol. Buffalo, N. Y., Hall & Mooney [1845]. (In Burt, William A. and Hubbard, Bela. Reports . . . Detroit, C. Willcox, 1846). —— L C.

7837. **The mineral regions** of Lake Superior; mineral agency map at Copper Harbor with additions by John R. St. John. New York, lith of G. Snyder [n. d.]. (In St. John, John R. A true description of the Lake Superior country; its rivers, coasts, bays, harbors, islands, and commerce [etc.]. New York, William H. Graham, tribune buildings, 1846). —— L C; S.

7838. **Maps** of the mineral region of Lake Superior. Published by Weare & Little & co. Albany, N. Y., J. H. Hall, lith. [1846?]. —— G; M H C; P H.

7839. **A geological map** of the mineral region from the official plats of the United States surveys and chart of Lake Superior reduced from the survey and chart of Lieut. Byfield of the R. N. by John Farmer. Detroit, 1847. —— G; W.

7840. **Geological** and topographical map of the mineral district of Lake Superior, Michigan; compiled & drawn by Jno C. Booth & E. J. Hulbert, 1855, showing accurately the relative position of the copper & iron mines, the selections made by the Sault Ste. Marie canal co., the swamp or state lands & individual possessions. Topography reduced from the plats of the U. S. surveys, geological notes furnished by S. W. Hill, esq. (late U. S. D. G.). Engraved, printed and mounted by J. H. Colton & co. New York, E. Warner & E. J. Hulbert [1855]. —— S; U.

7841. **Ibid.** 2d ed. New York, c1864. —— S.

7842. **Map** of a portion of the silver range of Lake Superior, Marquette county, Michigan. New York, Howe & Terry [1864]. —— L C.

7843. **Sectional map** of the copper, iron and silver region of Lake Superior, embracing the counties of Marquette, Houghton, Baraga, Keweenaw, Ontonagon, Isle Royale and parts of Delta, Menominee & Schoolcraft. Philadelphia, J. Disturnell, 1875. —— L C.

7844. . . . **Map** of Washington and Edwards mines, Humboldt, Marquette co., Mich. (In Michigan, geological survey. Atlas accompanying reports on upper peninsula, 1869-1873 . . . New York, Julius Bien [1874?], pl. VIII). —— B; M H C; S.

7845. **Map** of the What-Cheer mine located on the south half of section 16, town 51 north, range 37 west. Containing 320 acres. With adjacent country to Lake Superior. L. H. Bradford & co's lith. [Boston? 1858?]. —— B.

H

LANDS

7846. **The Cadillac tract.** [Chicago, Rand, McNally and company, 1907?]. —— G.

7847. **Map** showing location of the lands belonging to Detroit, Mackinac & Marquette R. R. co. in the counties of Schoolcraft, Mackinac and Chippewa . . . Detroit, The Calvert lith. co., 1881. —— G.

7848. **Map** showing the Duncan lands on Mackinac Straits & Cheboygan River. Michigan. Drawn by P. L. Fox. [Philadelphia? 1857?]. —— B.

7849. **Map** of Flint & Pere Marquette railway co's lands in Michigan. Chas. Shober & co., props. Chicago, Chicago lithograph co., 1871. —— B.

7850. **Map** of the lands of the Flint and Pere Marquette railway in the Saginaw region, Mich. [n. p., n. d.]. —— B.

7851. . . . **Plat** of a survey of land "for military purposes" around Fort Brady, Sault St. Marie, Mich., made by 1st Lieut. G. C. Westcott, 2d U. S.

Inf. under the direction of Brig'r Gen'l H. Brady, U. S. A., November, 1846. [Washington? 1846?]. —— B; U.

At top of map: Doc. 221, 29 congress, 2 session.

7852. **True copy** of "plot of the military reservation at Fort Gratiot, Mich., showing that portion deeded to the C. D. & C. G. T. J. R. R. co. (within the red lines). Surveyed and drawn under the direction of Capt. George G. Meade, T. E., by W. H. Hearding and J. L. Beghein, April 1859", made in the bureau of engineers, War department, June 28th, 1866. —— B.

Manuscript.

7853. **Map** of Fort Ponchartrain, and vicinity showing lands possessed near the fort. —— B.

"True copy of plan in the Dominion Archives". Undated.

7854. **Map** of Gladwin and Clare county lands, Michigan. [Gladwin? n. d.]. —— S.

7855. **Lands** of James B. Goodman and others in Delta county, Michigan. 1890. [n. p., 1890?]. —— U.

7856. **Map** of the land grant of the Grand Rapids and Indiana railroad company. N. Y., G. W. & C. B. Colton and co. [1882?]. —— G.

7857. **Map** of the original swamp areas of the lower peninsula of Michigan; compiled from John Farmer's map of 1873 . . . [by Alfred C. Lane]. [n. p.] A. J. Farmer, 1907. —— G.

Swamp areas in brown.

7858. **Map** of the farm, garden and lawn of the State agricultural college, Lansing, Michigan, prepared for the Centennial exhibition by R. C. Carpenter, C. E. [1876?]. —— S.

Hand drawn.

7859. **Map** of the part of the mineral lands adjacent to Lake Superior, ceded to the United States by the treaty of 1842 with the Chippewas. Comprising that district lying between Chocolate River and Fond du Lac, under the superintendency of Gen. John Stockton, U. S. agency. Projected and drawn under the direction of Lieut. Col. George Talcott, by A. B. Gray, assisted by John Seib. Washington, C. B. Graham, lith. [1845]. —— B; L C; U.

Issued by U. S. War dept., corps of engineers.

7860. **Plan** of private claims in Michigan territory as surveyed by Aaron Greeley, D. surveyor in 1810. [n. p., 1810]. —— B; L C.

7861. **Private claims** at Michilimackinac surveyed in Oct'r & Nov'r 1828 by John Mullet, D. S. [Washington? 1846?]. —— B.

At top of map: S. doc. 221, 29th congress, 2d. session.

7862. **Map** showing land districts, public lands sold . . . (Michigan).

(In U. S. Congress. A collection of maps . . . pub . . . by order . . . of congress. Washington, 1843, no. 86 B). —— W.

7863. **Map** of the lower peninsula of Michigan showing . . . lands of the Saint Mary's Falls ship canal company . . . Detroit [1855?]. —— W.

7864. **Map** of the lands of the St. Mary's Falls ship canal company, in . . . Michigan . . . [n. p.] 1863. —— W.

7865. **Map** of the upper peninsula of Michigan showing the location of the mineral lands of the Saint Mary's Falls ship canal co. . . . Lith. by S. D. Elwood. Detroit [n. d.]. —— M H C.

7866. **Map** of part of the state of Michigan showing the pine lands of the St. Mary's Falls ship canal company. Land office, Detroit, Mich. L. H. Bradford & co's lith. Boston [n. d.]. —— S; U.

7867. **Upper peninsula** of Michigan showing state lands. Grand Rapids, Mich., John F. Nellist, 1908. —— G.

7868. **Map** of the states of Missouri, Illinois, Iowa and Wisconsin, the territory of Minnesota and the mineral lands of Lake Superior. Compiled by I. S. Drake. Philadelphia, Thomas, Cowperthwait & co., 1849. —— L C.

7869. **The Lake Superior ship canal, railway and iron co.** 450,000 acres of land in the upper peninsula for sale or lease . . . New York, Julius Bien, photo-lith [n. d.]. —— U.

7870. **Plat** of A. B. Woodward's property on the turnpike. [n. p., n. d.]. —— B.

I

ISLANDS

7871. . . . **Beaver Island group** including north shore of Lake Michigan from Waugoshance Point to Seul Choix Point, prepared and first issued under the direction of Lieut. Colonel C. S. Riché . . . in 1911; second edition revised and published under the direction of Major Harry Burgess . . . in 1916. [Washington, 1917?]. —— S.

At bottom of map: Issued January 19, 1917.
Issued by U. S. War dept., corps of engineers, lake survey.

7872. **Map** of the south west end of Drummond Island, showing British occupation 1815-1828. (In Cook, Samuel F. Drummond Island. Lansing, Mich., 1896). —— L C.

7873. . . . **Chart** of Grand Island and its approaches, Lake Superior;

projected from a trigonometrical survey executed under the direction of Captain G. G. Meade . . . in 1859 and Colonel G. J. Lydecker . . . in 1906. Additions and corrections under the direction of Major Charles Keller . . . in 1908 and Colonel J. C. Sanford . . . in 1914. [Washington, 1914?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7874. **Map** of Isle Royale, Lake Superior, Michigan, showing some of its geological and vein phenomena. By S. W. Hill. New York, John J. Bloomfield, 1871. —— S.

7875. . . . **Les Cheneaux Islands** and northeasterly approaches to Straits of Mackinac from Beaver Tail Reef to St. Martin Bay including Mackinac and Round Islands and northerly shore of Bois Blanc Islands. Prepared and first issued under the direction of Lieut. Colonel J. L. Lusk and Colonel G. J. Lydecker . . . in 1906-07. Third edition revised and published under the direction of Major Harry Burgess . . . in 1916. [Washington, 1916?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7876. **Les Cheneaux Islands.** Published by the Arnold transit co. Mackinac Island, Mich. [n. d.]. —— B.

7877. **Map** of the island of Mackinac. Philadelphia, J. Disturnell, c1875. (Accompanies Disturnell, J. Island of Mackinac, giving a description of all the objects of interest and places of resort in the Straits of Mackinac and its vicinity including Old Mackinaw, Point St. Ignace, Cheboygan, etc. . . . With a map and embellishments. Compiled by J. Disturnell . . . Philadelphia, 1857. —— B; L C.

J

Lakes and Bays

7878. **West end** of Lake Erie and Detroit River. From surveys under the orders of Lieut. Col. James Kearney, 1849. [Washington, 1852]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7879. **A map** of the five great lakes with part of Pensilvania, New York, Canada and Hudsons Bay territories, &c. [n. p., 1755?]. —— G.

7880. **State boundary lines** in the great lakes. U. S. Engineer office. Cleveland, Ohio. December 30, 1911. —— U.

Blue print map.

7881. **North end** of Green Bay, the island at the entrance and the N. W.

shore of Lake Michigan. Projected from trigonometrical surveys, executed under the orders of J. D. Graham in 1863 and Col. W. F. Raynolds in 1864. [Washington, 1866]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7882. **South end** of Green Bay, the islands of the entrance thereof and part of west shore of Lake Michigan. Projected from trigonometrical surveys executed under the orders of Col. J. D. Graham in 1863 and Col. W. F. Raynolds in 1864. [Washington, 1866]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7883. . . . **Coast chart** no. 1 north end of Green Bay including northwest shores of Lake Michigan from Seul Choix Pt. to Porte des Morts Passage, prepared under the direction of Major Charles Keller . . . in 1909-1910 and Major C. S. Riché . . . in 1910. [Washington] 1910. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7884. . . . **Entrance** to Green Bay, Lake Michigan, from Poverty Island Passage to Porte des Morts Passage including Drisco Shoal prepared under the direction of Major Charles Keller . . . in 1907-1908. Additions and corrections under the direction of Colonel J. C. Sanford . . . in 1914. [Washington] 1914. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7885. . . . **Huron Bay** and Huron Island, Lake Superior. Projected from a trigonometrical survey made in 1866 and published in 1867 under the direction of Gen. W. F. Raynolds. [Washington, 1869]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7886. . . . **Huron Bay** and Huron Islands, Lake Superior, projected from a trigonometrical survey executed under the direction of Lieut Col. W. J. Raynolds . . . in 1866. Additions and corrections under the direction of Major J. L. Lusk . . . in 1906 and Colonel J. C. Sanford . . . in 1914. [Washington] 1915. —— S.

At bottom of map: Issued January 30, 1915.
Issued by U. S. War dept., corps of engineers, lake survey.

7887. . . . **South end** of Lake Huron and head of the St. Clair River. Projected from a trigonometrical survey, executed under the order of Capt. Geo. G. Meade . . . in 1859. [Washington, 1861]. —— L C; U.

Issued by U. S. War dept., corps of engineers, lake survey.

7888. **General chart** of Lake Huron. Projected from trigonometrical surveys under the orders of Capt. G. G. Meade and from other reliable information, 1860. Electrotype no. 1. [Washington, 1860]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7889. **Ibid.** Aids to navigation corrected to March 2, 1888. [Washington, 1888?]. —— U.

Issued by U. S. War dept., corps of engineers, lake survey.

7890. . . . **Coast chart** no. 2 Lake Huron from Richmondville to Au Sable Point including Saginaw Bay projected from a trigonometrical survey executed under the direction of Captain J. N. Macomb . . . in 1856 and Captain G. G. Meade . . . in 1857-58. Chart revision, additions and corrections . . . in 1912. [Washington, 1912]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7891. . . . **General chart** of Lake Huron including Georgian Bay and North Channel compiled under the direction of Major W. L. Fisk, corps of engineers, U. S. Army, in 1902-3 from U. S. lake surveys made between the years 1851 and 1902; the Canadian shore from British Admiralty charts and official Canadian sources . . . [Washington] 1914. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7892. . . . **Coast chart** no. 3 (new) Lake Huron, Tawas Harbor to Rogers, Mich., prepared under the direction of Colonel J. C. Sanford . . . in 1913-1914. Engraved by J. Hartenstein & John Stolz. [Washington, 1914]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7893. . . . **Coast chart** no. 1; south end of Lake Huron from Harbor Beach, Mich. and Port Albert, Ont., to head of St. Clair River, prepared and first issued under the direction of Major Charles Keller . . . in 1909. Third edition revised under the direction of Colonel Mason M. Patrick . . . and issued under the direction of Major Harry Burgess . . . in 1916. [Washington, 1916]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7894. . . . **Keweenaw Bay** including L'Anse and Portage Entry, Lake Superior, projected from trigonometrical surveys executed under the direction of Colonel J. D. Graham . . . in 1863 and Lieut. Col. W. F. Raynolds . . . in 1864-65. Additional surveys made . . . in 1905 . . . in 1906 . . . in 1910. Published in 1911. [Washington, 1911]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7895. . . . **Chart** of Little Bay de Noc and approaches under the direction of Major W. L. Fisk . . . in 1904-05. Additions and corrections under the direction of Major C. S. Riché . . . in 1910. [Washington, 1910]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7896. **Chart** of Marquette Bay, by T. S. Thompson, 1861. [n. p., 1861]. —— L C.

7897. . . . **Chart** of Maumee Bay and Maumee River, including City of Toledo, Ohio. Prepared under the direction of Major W. L. Fisk . . . in 1901. [Washington, 1901]. —— U.

Issued by U. S. War dept., corps of engineers, lake survey.

7898. **North end** of Lake Michigan including the Beaver Island group. From trigonometrical surveys under the orders of Capt. J. N. Macomb in 1854 & 1855. [Washington, 1857]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7899. **North east end** of Lake Michigan including Grand and Little Traverse bays and the Fox and Manitou islands. Projected from trigonometrical surveys under the orders of Capt. Geo. G. Meade in 1861 and Lt. Col. J. D. Graham in 1862 & 1863. [Washington, 1863]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7900. **North end** of Lake Michigan including Green Bay and the Straits of Mackinac. Projected from a trigonometrical survey under the orders of Capt. J. N. Macomb in 1851, 52, 53, 54 and 55; of Capt. G. G. Meade in 1860 & 61, of Col. J. D. Graham in 1862 & 63; and Col. W. F. Raynolds in 1864, 65 & 66. [Washington, 1867]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7901. **North American lakes.** Lake Michigan. From the United States government surveys to 1876. London, Admiralty, 1878. —— L C.

Great Britain, Admiralty, hydrographic office, charts, 301.

7902. . . . **Coast chart** no. 6 (new); Lake Michigan, South Haven to Benona, Mich., prepared under the direction of Lieut. Colonel C. S. Riché . . . in 1911 and 1912. [Washington] 1912. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7903. . . . **North end** of Lake Michigan including Green Bay compiled under the direction of Colonel G. J. Lydecker . . . in 1907 and Major Charles Keller . . . in 1907-8 from U. S. lake surveys made between the years 1851 and 1907. Additions and corrections under the direction of Lieut. Col. C. S. Riché . . . in 1911 and 1912. [Washington] 1912. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7904. . . . **Coast chart** no. 5 (new); Lake Michigan, Waukegon, Ill. to South Haven, Mich. prepared under the direction of Lieut. Colonel C. S. Riché . . . & Lieut. Col. Mason M. Patrick . . . in 1912, and Lieut. Col. J. C. Sanford . . . in 1912-1913. Engraved by J. Hartenstein, P. A. Staffin & G. F. Penner. [Washington] 1913. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7905. . . . **General chart** of Lake Michigan compiled under the direction of Lieut. Colonel G. J. Lydecker . . . in 1897-1898 from sectional lake survey charts and local surveys made under officers of the corps of engineers, U. S. Army. Revised from results of surveys by the U. S. Lake survey and U. S. Engineer offices and published under the direction of Colonel J. C. Sanford . . . in 1915. [Washington] 1915. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7906. . . . **Chart** of inland route of navigation, Michigan, from Cheboygan to Little Traverse Bay including Petoskey and Harbor Springs prepared under the direction of Colonel J. C. Sanford . . . in 1914-1915. [Washington] 1915. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7907. . . . **Manitou Passage,** Lake Michigan, prepared from U. S. surveys and first issued under the direction of Major W. L. Fisk . . . in 1902. Revised from results of surveys by the U. S. Lake survey office and published under the direction of Lieut. Colonel Mason M. Patrick . . . in 1915. [Washington, 1916?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7908. **Coast chart** no. 8; Lake Michigan, Frankfort to Charlevoix, Mich. including Manitou and Fox islands. Prepared and first issued under the direction of Lieut. Colonel C. S. Riché . . . in 1912. 2d ed. Revised and published under the direction of Major Harry Burgess . . . in 1916. [Washington, 1916]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7909. **Map** of Muskegon Lake, made from actual survey on the ice in 1884, by Abbott and Gamble, civil engineers. Chicago, c1884. —— G.

7910. . . . **Pine Lake** including Charlevoix Harbor, Mich. Prepared from surveys by the U. S. Lake Survey and first issued under the direction of Major Charles Keller . . . in 1907-1908. Revised from results of surveys by the U. S. Lake survey and U. S. Engineer office, Grand Rapids, Mich. and published under the direction of Lieut. Colonel Mason M. Patrick . . . in 1915. [Washington, 1915]. —— S.

7911. . . . **Portage Lake** and River with part of Keweenaw Bay. Projected from a trigonometrical survey under the orders of Col. J. D. Graham . . . in 1863. and of Col. W. F. Raynolds . . . in 1864. Published in 1865. [Washington, 1865?]. —— L C; U.

Issued by U. S. War dept., corps of engineers, lake survey.

7912. . . . **Portage Lake,** Manistee co., Lake Michigan. Prepared under the direction of Colonel G. J. Lydecker . . . in 1905-1906 and Lieut. Colonel J. L. Lusk . . . in 1906. Additions and corrections under the direction of Colonel J. C. Sanford . . . in 1914. [Washington, 1914]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7913. . . . **Saginaw Bay** and part of Lake Huron. Projected from a trigonometrical survey . . . in 1856 and . . . in 1857 & 1858. Published in 1860. [Washington, 1860]. —— L C; U.

Issued by U. S. War dept., corps of engineers, lake survey.

7914. . . . **Chart** of Lake Saint Clair. Projected from trigonometrical surveys executed under the direction of Lt. Col. W. F. Raynolds, corps of engineers & brvt. brig. genl. U. S. A. in 1867 & 1868 and Major C. B. Comstock, corps of engineers & brvt. brig. gen'l, U. S. A. in 1870 & 1871. Drawn in 1873 and 1874. Additions and corrections under the direction of Major W. L. Fisk, corps. of engineers, U. S. Army in 1902. [Washington, 1902?]. —— U.

7915. Bayfield's North America, sheet IV: Lake Superior. Reduced from the admiralty survey, published by the Society for the diffusion of useful knowledge . . . New York, lith of G. Snyder [n. d.]. (In St. John, John R. A true description of the Lake Superior country; its rivers, coasts, bays, harbors, islands, and commerce with Bayfield's chart; [etc.]. New York, William H. Graham, tribune buildings, 1846). —— L C; S.

7916. Lac Svperievr et avtres lievx ou sont les missions des pères de la Compagnie de Iesvs comprises sovs le mon d'Ovtaovacs. [anon. facs.]. New York, Ackerman's lith. [1849]. —— L C.

Facsimile of a map made by the Jesuit missionaries in the years 1670 & 1671 and published at Paris, 1672. (House of reps., ex. doc., 30th cong., no. 69).

7917. Plan of the north shore of Lake Superior. Compiled from Bayfield's chart. Toronto, Maclear & co., 1858. —— L C.

Issued by Canada, crown lands department.

7918. Sailing chart of south shore of Lake Superior. Reduced from surveys by T. S. Thompson. [n. p., 1861]. —— L C.

7919. Farmer's map of Lake Superior and the mining regions, showing geological formations, mines, [etc.]. Detroit, S. Farmer & co., 1867. —— L C.

7920. Farmer's map of Lake Superior and the mining regions showing geological formations, mines, mining lands, lakes, marshes, hills, roads, railroads, towns and villages with historical and scientific descriptions concerning the development of the mines and minerals. Published by Silas Farmer & co. . . . Detroit, Michigan, 1872. —— L C; S.

7921. Colton's Lake Superior and the upper peninsula of Michigan. New York, G. W. & C. B. Colton & co., 1876. —— L C.

7922. . . . **Lake Superior chart** no. 2. Projected from a trigonometrical survey under the superintendence of Brvt. Brig. Gen'l. W. F. Raynolds . . . in 1864, 65, 66, 67, 68 and 69 and from local surveys . . . in 1855 . . . in 1859 . . . in 1863 . . . in 1869 and 1900. Additions and corrections under the direction of Lt. Col. G. J. Lydecker, corps of engrs. in 1900. [Washington, 1900?]. —— U.

7923. . . . **Chart** of Lake Superior. Compiled under the direction of Colonel O. M. Poe, corps of engineers . . . from U. S. surveys made between the years 1855 and 1895, the Canadian shore from British Admiralty charts and others sources. With additions to date under the direction of

Lieut. Col. G. J. Lydecker . . . in 1898 and Major W. L. Fisk . . . in 1901. [Washington, 1901]. —— U.

7924. . . . **Coast chart** no. 3. Lake Superior, from Grand Portal to Big Bay Point, Mich., including Manitou Island and Standard Rock. Prepared under the direction of Major Charles Keller, corps of engineers, U. S. Army, in 1909-1910 and Major C. S. Riché, corps of engineers, U. S. Army, in March & April, 1910. [Washington, 1910]. —— S.

7925. . . . **General chart** of Lake Superior compiled under the direction of Colonel O. M. Poe, corps of engineers, bvt. brig. gen. U. S. Army, from U. S. lake surveys made between the years 1855 and 1895. Chart revision. Additions and corrections . . . 1911. [Washington, 1911]. —— S.

7926. . . . **Coast chart** no. 1; east end of Lake Superior from Cape Gargantua, Ont. to mouth of Big Two Hearted River, Mich. including Whitefish Bay and head of St. Mary's River. Prepared under the direction of Major W. L. Fisk, corps of engineers, U. S. Army, in 1903-4. Additions and corrections under the direction of Lieut. Col. C. S. Riché, corps of engineers, U. S. Army and Lieut. Col. Mason M. Patrick, corps of engineers, U. S. Army, in 1912. [Washington, 1912]. —— S.

7927. . . . **Coast chart** no. 8; Lake Superior from Grand Portage Bay, Minn. to Lamb Island, Ont. including Isle Royal, Michigan. Prepared from trigonometrical surveys executed under the direction of Lieut. Col. W. F. Raynolds . . . in 1867, 1868 & 1869 and Major C. B. Comstock . . . in 1870 and 1871. Chart revision. Additions and corrections . . . in 1912-1913. [Washington, 1913?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7928. . . . **Coast chart** no. 4; Lake Superior, from Big Pay Point to Ontonagon, Mich. including the Keweenaw Peninsula. Prepared under the direction of Lieut. Colonel J. L. Lusk, corps of engineers, U. S. Army, in 1906 and Colonel G. J. Lydecker, corps of engineers, U. S. Army in 1906-1907. Additions and corrections under the direction of Colonel J. C. Sanford, corps of engineers, U. S. Army, in 1914. [Washington, 1914]. —— S.

7929. . . . **Coast chart** no. 6; west end of Lake Superior from Little Girl Point, Mich. to Beaver Bay, Minn., including the Apostle Islands. Compiled under the direction of Colonel G. J. Lydecker . . . in 1905-1906 and Lieut. Colonel J. L. Lusk . . . in 1906. Revised from results of surveys by the U. S. Lake survey and U. S. Engineer offices and published under the direction of Lieut. Colonel Mason M. Patrick . . . in 1915. Engraved by A. J. C. Heman, P. A. Staffin & John Stolz. [Washington, 1915]. —— S.

7930. . . . **Coast chart** no. 5; Lake Superior, from Ontonagon to Oronto Bay and Outer Island. Prepared under the direction of Colonel Mason M. Patrick . . . in 1915-16 from U. S. lake surveys made between the years

1868 and 1905. First issued under the direction of Major Harry Burgess . . . in 1916. Engraved by G. F. Penner. [Washington, 1916]. —— S.

7931. . . . **Thunder Bay,** Lake Huron. Projected from a trigonometrical survey executed under the orders of Captain Geo. G. Meade . . . in 1858. Aids to navigation corrected to January 1, 1880. [Washington, 1880?]. —— U.

Issued by U. S. War dept., corps of engineers, lake survey.

7932. . . . **Thunder Bay,** Lake Huron, Morris Bay to Black River, Michigan, prepared under the direction of Lieut. Col. Mason M. Patrick . . . in 1912 and Lieut. Col. J. C. Sanford . . . in 1912-1913. Engraved by P. A. Staffin, John Stolz & E. E. Bissing. [Washington] 1913. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7933. . . . **Keweenaw waterway,** Mich. including Torch Lake and canal, Lake Superior, prepared and first issued under the direction of Major W. L. Fisk . . . in 1905. Fourth edition (in colors) revised and published under the direction of Lieut. Colonel Harry Burgess . . . in 1917. [Washington, 1917]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

K

HARBORS

7934. . . . **Preliminary chart** of Agate Harbor, Lake Superior. Surveyed and drawn under the direction of Capt. J. N. Macomb, T. E., by Lieut. W. F. Raynolds, T. E. . . . in 1855. Published under the supervision of Capt. G. G. Meade, T. E. 1858. [Washington, 1858?]. —— U.

Issued by U. S. War dept., corps of engineers, lake survey.

7935. . . . **Agate Harbor,** Mich., Lake Superior, surveyed and drawn under the direction of Captain J. N. Macomb . . . in 1855, by Lieutenant W. F. Raynolds and others. Published under the direction of Captain G. G. Meade . . . in 1858. Additions and corrections under the direction of Major W. L. Fisk . . . in 1904. Engraved by W. H. Dougal. [Washington, 1904]. —— G.

Issued by U. S. War dept., corps of engineers, lake survey.

7936. **Copper Harbor,** Manitou Island & Point Kewaiwona, by T. S. Thompson. [n. p., 1861]. —— L C.

7937. . . . **Preliminary chart** of Copper Harbor. Surveyed by Assistant

Henry Gillman, 1864. Reduction for engraving by Assistant Joshua Barney, 1865 [Washington, 1865?]. —— U.

Issued by U. S. War dept., corps of engineers, lake survey.

7938. . . . **Preliminary chart** of Eagle Harbor, Lake Superior, from surveys under the direction of the topographical bureau of the War department . . . 1850. [Washington, 1850?]. —— U.

Issued by U. S. War dept., corps of engineers, lake survey.

7939. . . . **Preliminary chart** of Eagle Harbor, Lake Superior. Surveyed and drawn under the direction of Capt. J. N. Macomb, by Lieut. W. F. Reynolds [Raynolds?] 1855. Washington, 1858. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7940. **Chart** of Eagle Harbor. Reduced from U. S. Lake survey, by T. S. Thompson. 1861. [n. p., 1861]. —— L C.

7941. . . . **Eagle Harbor,** Mich., Lake Superior, surveyed under the direction of Captain J. N. Macomb . . . in 1855 and Colonel G. J. Lydecker . . . in 1906. [Washington] 1907. —— G; S.

Issued by U. S. War dept., corps of engineers, lake survey.

7942. . . . **Harbor** at Grand Haven, Mich., including Spring Lake and Lower Grand River prepared under the direction of Major Charles Keller . . . in 1907. Additions and corrections under the direction of Lieut. Col. J. C. Sanford . . . in 1913-1914. [Washington, 1914]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7943. . . . **Holland Harbor** and Black Lake including city of Holland, Michigan, prepared under the direction of Major Charles Keller . . . in 1908. Additions and corrections under the direction of Lieut. Col. Mason M. Patrick . . . in 1912. [Washington, 1912]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7944. . . . **Manistee Harbor,** Michigan, prepared under the direction of Major W. L. Fisk . . . in 1904. Additions and corrections under the direction of Major C. S. Riché . . . in 1910-1911. [Washington, 1911]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7945. . . . **Manistique Harbor,** Michigan, surveyed in 1915 and first issued under the direction of Colonel Mason M. Patrick . . . in 1916. [Washington, 1916?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7946. . . . **Preliminary chart** of Marquette Harbor, Lake Superior. From surveys under the direction of the Bureau of topographical engineers of the War department . . . 1859. [Washington, 1859?]. —— U.

Issued by U. S. War dept., corps of engineers, lake survey.

7947. . . . **Chart** of Marquette and Presque Isle harbors, Michigan. Prepared under the direction of and from surveys in 1914 by Colonel J. C.

Sanford . . . Published under the direction of Lieut. Colonel Mason M. Patrick . . . in 1915. [Washington, 1915?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7948. . . . **Chart** of Menominee Harbor, Green Bay, including the cities of Marinette, Wis. and Menominee, Mich. Prepared under the direction of Lieut. Colonel J. L. Lusk . . . and Colonel G. J. Lydecker . . . in 1906. Additions and corrections under the direction of Major C. S. Riché . . . in 1910. [Washington, 1910?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7949. . . . **Munising Harbor,** Lake Superior, prepared under the direction of Major Charles Keller . . . in 1907. Additions and corrections under the direction of Lieut. Col. J. C. Sanford . . . in 1912. Engraved by G. F. Penner. [Washington, 1913?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7950. . . . **Muskegon Harbor,** Lake Michigan, including Muskegon Lake. Prepared under the direction of Major W. L. Fisk . . . in 1901. Additions and corrections under the direction of Lieut. Col. C. S. Riché . . . in 1911. [Washington, 1912?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7951. **Preliminary chart** of Ontanagon Harbor. Surveyed and drawn under the direction of Capt. J. N. Macomb, by Lieut. W. F. Raynolds. Reduced for publication under the direction of Capt. G. G. Meade. 1859. [Washington, 1859]. —— L C; U.

Issued by U. S. War dept., corps of engineers, lake survey.

7952. **Sketch** of Ontonagan Harbor, 1861. By T. S. Thompson. [n. p., 1861]. —— L C.

7953. **Port Kalamazoo,** state of Michigan, surveyed and drawn by L. Judson. New York, N. Currier's lith. [n. d.]. —— G.

7954. **Harbors of refuge.** Presq'ile, False Presq'ile, and Middle Island, Lake Huron. Projected from a trigonometrical survey executed under the orders of Capt. Geo. G. Meade, 1858. [Washington, 1860]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7955. **Ibid.** Aids to navigation corrected to January 1, 1880. [Washington, 1880?]. —— U.

Issued by U. S. War dept., corps of engineers, lake survey.

7956. **Ibid.** Prepared under the direction of Major W. L. Fisk . . . in 1904-1905, additions and corrections under the direction of Major C. S. Riché . . . in 1910. [Washington, 1910?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7957. . . . **St. Joseph** and Benton Harbor, Michigan, prepared under the direction of Major Charles Keller . . . in 1908-1909. [Washington, 1909?]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7958. . . . **Preliminary chart** of Tawas Harbor. (Harbor of refuge, Lake Huron). Surveyed under the direction of Captain J. N. Macomb . . . 1856. [Washington, 1857]. —— L C; U.

Issued by U. S. War dept., corps of engineers, lake survey.

L

RIVERS, STRAITS AND CANALS

7959. Map of Au Sable River; traced by E. F. Hyde, revised by R. E. Andrews. Detroit, Mich., Robt. E. Andrews, water office [1901?]. —— G.

Blue print map.

7960. Plat of Clinton River between the mill dam of the old yellow mill and the mill dam of D. Paddack in the village of Pontiac. Surveyed Augt. 28, 1849. I. R. Grout. [n. p., 1849?]. —— B.

7961. Map of Detroit River and adjacent country, from an original drawing by a British engineer. (In Melish, John. A military and topographical atlas of the United States, including the British possession & Florida . . . Philadelphia, G. Palmer, 1813, no. 7). —— L C.

Also issued as a seperate. —— B.

7962. A survey of the River Detroit, from Lake Erie to Lake St. Clair. By Capt. W. F. W. Owen & assistants, in 1815. Published according to act of parliament . . . 12th April, 1828. London [1828]. —— B.

7963. Map of the straits of Detroit. Surveyed, projected and drawn by lieutenants J. N. Macomb and W. H. Warner, U. S. Corps of top'l eng'rs. 1840 '41 '42. Sheet no. 1. Washington [n. d.]. —— B.

7964. . . . **Chart** of the Detroit River, projected from a trigonometrical survey executed under the orders of Major C. B. Comstock, corps of engineers, brevet brigadier general, U. S. A., in 1873. Additions and corrections under the direction of Major W. L. Fisk, corps of engineers, U. S. Army in 1901. [Washington, 1901]. —— U.

7965. . . . **Chart** of Detroit River, projected from a trigonometrical survey under the direction of Major C. B. Comstock, corps of engineers . . . in 1873. Additions and corrections under the direction of Major W. L. Fisk . . . in 1902-1904, Colonel G. J. Lydecker . . . in 1905-1906. [Washington] 1906. —— B.

7966. . . . **Lime Kiln crossing,** Detroit River, showing recent changes in available channels and positions of aids to navigation, May, 1907. Prepared under the direction of Major Charles Keller, corps of engineers, U. S. Army, from information furnished by Col. Chas. E. L. B. Davis. [Washington, 1907?]. —— B.

7967. Lower Detroit River showing available channel and positions of aids to navigation at opening of season of 1907. Prepared under the direction of Colonel G. L. Lydecker, corps of engineers, U. S. Army. From information furnished by Colonel Chas. E. L. B. Davis. [Washington, 1907?]. —— B.

7968. . . . **Chart** of Detroit River prepared and first issued under the direction of Major C. B. Comstock . . . in 1876. Tenth edition (in colors) revised and published under the direction of Harry Burgess . . . in 1917. [Washington, 1917]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7969. . . . **Preliminary chart** of Eagle River, Lake Superior. Surveyed and drawn under the direction of Capt. J. N. Macomb, T. E. by Lieut. W. F. Raynolds, T. E. . . . in 1855. Published under the supervision of Capt. G. G. Meade, T. E., 1859. [Washington, 1859]. —— L C; U.

Issued by U. S. War dept., corps of engineers, lake survey.

7970. Chart of Eagle River. By T. S. Thompson. [n. p., 1861]. —— L C.

7971. Survey of the mouth of Galien River, Michigan. Surveyed by Lieuts. J. M. Berrien and E. Rose. Drawn by Lieut. Berrien. [n. p.] 1835. —— B.

7972. River and flood service along the Grand River of Michigan; compiled by C. F. Schneider . . . drawn by J. F. Nellist, State geological survey, 1904. [n. p.] 1904. —— G.

Blue print map, by U. S. Weather bureau.

7973. Map of the mouth of Grand River. [n. p., n. d.]. —— B.

Manuscript. Undated.

7974. A sketch of the confluance or streigts between the lakes Huron and Michigan, &c. (In Hulbert, Archer Butler. The crown collection of photographs of American maps, selected and ed. by Archer Butler Hulbert . . . Cleveland, the A. H. Clarke company, 1904-1908, series III, plates no. 5 and 6). —— S.

7975. Straits of Mackinac with the approaches thereto from lakes Huron and Michigan and the entrance by the Detour Passage to the St. Mary's River. From trigonometrical surveys under the orders of Lieut. Col. James Kearney in 1849 and of Capt. J. N. Macomb in 1851, 1852, 1853 & 1854. [Washington, 1856]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7976. Ibid. Additions and corrections under the direction of Lt. Col. G. J. Lydecker, corps of engineers, U. S. Army in 1900 and Major W. L. Fisk, corps of engineers, U. S. Army in 1902. [Washington, 1902?]. —— U.

7977. . . . **Straits** of Mackinac from Presque Isle, Lake Huron to Charlevoix, Lake Michigan, prepared under the direction of Major Charles Keller . . . in 1909-1910, Lieut. Colonel C. S. Riché . . . in 1910-1911. [Washington, 1911]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7978. . . . **Portage River,** Mich., Lake Superior, vicinity of Princess Point. Showing recent changes of range lights and amended sailing courses. Prepared under the direction of Col. G. J. Lydecker, corps of engineers, U. S. Army, Oct. 1905. [Washington, 1905?]. —— U.

7979. Preliminary chart, lower reach of Saginaw River and bar in front, [Saginaw Bay, Lake Huron]. Surveyed under the direction of Capt. J. N. Macomb. 1856. [Washington, 1869]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

7980. Ibid. Additions and correction to June 1st, 1893. [Washington, 1893?]. —— U.

Issued by U. S. War dept., corps of engineers, lake survey.

7981. . . . **Mouth** of Saginaw River including Bay City, Michigan. Prepared under the direction of Major Charles Keller, corps of engineers, U. S. Army, in 1908. [Washington, 1908]. —— G; S.

7982. River and flood service along the Saginaw River of Michigan; compiled by C. F. Schneider . . . Grand Rapids, Mich., J. F. Nellist, 1911. —— G.

Blue print, by U. S. Weather bureau.

7983. . . . **Map** of the delta of the St. Clair. Surveyed, projected and drawn by Lieutenants J. N. Macomb and W. H. Warner under the direction of Captain W. G. Williams, U. S. Corps of top'l eng'rs. 1842. W. T. Stone, sc. [Washington, 1842]. —— B.

Ibid. (In U. S. Congress. A collection of maps, [etc.]. Published by order of congress. Washington, 1843, no. 106). —— L C.

7984. Chart of Saint Clair River. Projected from trigonometrical surveys executed under the orders of Lt. Col. W. F. Raynolds, corps of engineers in 1867, and drawn under the direction of Major C. B. Comstock, corps of engineers in 1871 & 1872. [Washington? 1872?]. —— B.

7985. . . . **Saint Clair River,** including foot of Lake Huron and St. Clair flats canal. Prepared under the direction of Major W. L. Fisk, corps of engineers, U. S. Army, from surveys made under officers of the corps of engineers, U. S. Army, 1867-1903. [Washington] 1903. —— B.

7986. Plan of the straits of St. Mary and Michilmakinac to shew the situation & importance of the two westernmost settlements of Canada for the fur trade. [n. p., 175–?]. —— B; G; L C; M H C; S.

7987. Map of the canal of the Sault Ste. Marie. From a survey by Captain Canfield and Judge Burt. John Holcroft, assistant, Drawn by John Holcroft. 1852. Lith. and printing by R. Burger and C. Beaubien. Detroit [n. d.]. —— U.

7988. [**Map** of] the Saint Mary's Falls ship canal, constructed in 1853-4. S. D. Elwood, lithographer. Detroit [1854?]. —— B.

7989. . . . **Sketch** of the navigation through East Mebish Rapids, River St. Mary . . . 1853. Reduced for engraving. Washington, 1854. —— U.

7990. Map of the St. Mary's River from Lake Superior to Lake Huron. Compiled from the U. S. government surveys by Lieut. A. L. Magilton, U. S. A. 1855. Engraved and printed by J. H. Colton & co. New York [1855]. —— U.

7991. Chart no. 1 of River Ste. Marie from Point Iroquois to East Neebish. Surveyed under the direction of Captain J. N. Macomb . . . in 1853, 1854 & 1855 with additions to date under the orders of Captain G. G. Meade, top'l engrs. 1857. [Washington, 1857?]. —— U.

7992. Chart no. 2 of River Ste. Marie including the part from the entrance of Ned Lake to the East Neebish. Surveyed under the direction of Captain J. N. Macomb . . . in 1853 & 1854. Reduction for engraving under the direction of Captain G. G. Meade . . . in 1858. [Washington, 1858?]. —— U.

7993. . . . **Chart** no. 2 St. Mary's River, Twin Islands to Sault Ste. Marie; projected from trigonometrical survey executed under the direction of Colonel O. M. Poe . . . in 1893-5 and Lieut. Col. G. L. Lydecker . . . in 1895-6. Chart revision; additions and corrections . . . in 1913-1914 [Washington] 1914. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7994. . . . **Chart** no. 1 of St. Mary's River from Lake Huron to Twin Islands; prepared from surveys under the direction of Colonel O. M. Poe, and Colonel G. J. Lydecker . . . in 1894-1899 and first issued 1899. Sixth edition (in colors) issued under the direction of Lieut. Colonel Mason M. Patrick . . . in 1915. [Washington, 1915]. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

7995. . . . **Chart** no. 3 St. Mary's River, head of Hay Lake to Whitefish Bay. Projected from trigonometrical surveys executed under the direction of Colonel O. M. Poe . . . in 1893-1895, 2nd Lieut. J. B. Cavenaugh . . . in 1895-6 and Lieut. Col. G. L. Lydecker . . . in 1895-6. Chart revision, additions and corrections . . . in 1914. [Washington] 1915. —— S.

Issued by U. S. War dept., corps of engineers, lake survey.

M

RAILROADS AND ROADS

7996. **Automobile road map** of southeastern Michigan. Published by Silas Farmer & company . . . Detroit, c1905. —— S.

Copyright 1905 by A. J. Farmer.

7997. **Automobile road atlas** of southern Michigan with information concerning good roads and how to get to them, automobile associations and clubs, index of places with garage and hotel. [Detroit] Silas Farmer & co. [1908?]. —— B.

Contents.—1. Detroit and northwest.—2. Detroit and northeast.—3. Detroit and southwest.—4. Port Huron and northwest.—5. Bad Axe and Thumb.—6. Saginaw and southeast.—7. Saginaw and southwest.—8. Saginaw and northeast.—9. Saginaw and northwest.—10. Lansing and northwest.—11. Lansing and southeast.—12. Lansing and southwest.—13. Jackson and southeast.—14. Jackson and southwest.—15. Kalamazoo and southeast.—16. Kalamazoo and southwest.—17. Grand Rapids and southeast.—18. Grand Rapids and west.—20. Grand Rapids and east.—21. Niles and west.—22. Chicago and east.

7998. **Map** of the Detroit railway lines. Lithographed and published by the Calvert lith. & eng. co. Detroit c1895. —— U.

7999. **Street car map** of the Detroit united railway. Published by J. W. Brenkert & co. Detroit, c1903. —— B.

8000. **Macauley bros'.** road map. Giving all the favorite runs out of Detroit. [Detroit? 1908?]. —— B.

8001. **Detroit & Howell P. R.** Sec. 1, from 32nd m. post to Brighton, terminating at 41 inclusive—9 miles. [n. p., n. d.]. —— B.

8002. **Detroit & Howell P. R.** Sec. 2, from 41st m. post to the 50th inclusive. [n. p., n. d.]. —— B.

8003. **Map** of the Detroit and Milwaukee railway. Showing its connections with the northern, southern, eastern and western railroads. Also the population of counties contiguous to the line of the road. R. Highman, chief engineer. Detroit, S. D. Elwood & co. [1860?]. —— B.

8004. **Map** of the Dixie highway showing every city, town, village and hamlet through its entire length proposed by the Dixie highway association and also advocated by the National highways association. Washington, 1915. —— G.

The trail marked in red.

8005. **Map** and profile of the Fort st. union depot company's R. R. from Eighteenth st. to Third st. Detroit, 1891. —— B.

Blue print map.

8006. **D. B. Cooke & co's** Great western railway guide exhibiting all stations with distances from each other. Chicago, 1856. —— P H.

8007. **Lake shore & Michigan southern railway;** condensed profiles. [n. p., n. d.]. —— M H C.

8008. **Mackey** road map. Compiled and copyrighted by R. J. Mackey. Detroit, H. F. Loomis, 1898. —— B.

8009. **Map** showing the route of the Michigan airline railroad and its connections. Drawn, engraved and printed by G. W. & C. B. Colton & co. New York, 1869. —— B.

8010. **The New York central lines** . . . Engraved and printed by the Matthews-Northrup works. Buffalo, N. Y., c1905. —— U.

8011. **Overland** road map, giving the best automobile roads connecting the principle [principal] cities and towns of western Michigan. [Grand Rapids, Mich., 1912]. 32 p., maps. —— G.

Issued by the Overland motor company.

8012. **Map** of the Port Huron & Milwaukee railway showing its north south & west'n R. R. connections. Robert Higham, consulting engineer. Joel Gray, chief engineer. [n. p., n. d.]. —— B.

8013. **Railroads** in Michigan. [n. p.] 1848. —— L C; photo copy P. H.

8014. **Map** of railroads, lower peninsula of Michigan. Detroit, Silas Farmer, c1902. —— B.

8015. **Survey** of a road route from Saginaw to Mackinac, M. T. Executed by Lieut. Poole, 3d arty. 25 cong., 2d sess. (In U. S. Congress. A collection of maps . . . published by order of congress. Washington, 1837, no. 153). —— L C.

Ibid. no. 78. —— W.

8016. **Birds eye view** of the rail and water route to the celebrated mineral spring, at St. Clair, Michigan. Detroit, The Calvert lith. co. [1882]. —— B; L C.

8017. **Map** showing location of roads, drains, and improvements built by state of Michigan and filed in State land office. A. C. Carton, commiss'r. Drawn by R. R. Havens, 1914. [Lansing? 1914]. —— M H C; S.

Blue print map of the lower peninsula.

8018. **A map** showing location of roads built by state and railroads that received land grants from the state. Compiled from records in State land office. A. C. Carton, commissioner. Drawn by R. R. Havens, 1914. [Lansing? 1914]. —— M H C; S.

Blue print map of the upper peninsula.

8019. **Map** of suburban railways in southeastern Michigan. Published by Silas Farmer & co. Detroit, c1902. —— B.

8020. Colton's map of Michigan showing the Toledo, Ann Arbor & north Michigan railway and connecting lines. [n. p., n. d.]. —— B.

8021. Map showing the Toledo and Saginaw Bay railroad and its connections. New York, G. W. & C. B. Colton & co. [1881]. —— L C.

8022. Map of the United States road from Ohio to Detroit as lately located by Messrs. A. Edwards, S. Vance and Philu E. Judd (the last of whom died before the survey was completed), commissioners appointed by the President of the U. S. agreeable to an act of congress. Detroit, John Farmer, 1825. —— G.

8023. Map of the United States road from Detroit in the territory of Michigan to Fort Gratiot as surveyed and marked by Harvey Parker in 1827. Copied from the original in the U. S. Topogr'l bureau, Sept. 19th, 1849. [n. p., 1849]. —— B.

N

MISCELLANEOUS

8024. Map showing the mail routes in the upper peninsula of Michigan. [n. p., 1853?]. —— W.

Photostat copy from U. S. House files.

8025. Plat of the northern boundary of the state of Indiana. Surveyed in conformity to the act of congress . . . (In U. S. Congress. A collection of maps . . . pub. . . . by order . . . of congress. Washington, 1843, no. 80). —— W.

8026. General map to accompany the report of Capt. T. J. Cram, T. E., on the survey of the boundary between Michigan and Wiskonsan. Projected by Capt. Cram. Drawn by Lieut. Webster. [Washington? 1840?]. —— B; W.

Called "no. 6."

8027. Map exhibiting position of the several lines connected with . . . Ohio boundary question . . . [n. p., 1836?]. —— W.

Issued by U. S. Engineer department.

8028. Ibid. (In U. S. Congress. A collection of maps . . . pub. . . . by order . . . of congress. Washington 1843, no. 65). —— W.

8029. The international boundary line of Michigan, by Annah May Soule. (In Michigan pioneer and historical society. Historical collections . . . Lansing, 1896, v. 26, p. 597-631. 11 maps). —— B; D; G; L C; M H C; S; U.

8030. **Michigan national guard.** Map of Camp Devlin. Detroit, 1895. —— B.

8031. **Plan** of Charlevoix summer resort. Chicago, Henry S. Stebbins, map engraver and publisher [n. d.]. —— U.

8032. **The free public schools** of the state of Michigan. [Chart of the educational system of Michigan. Executed at the University of Michigan, made under the direction of Charles S. Denison, Ann Arbor, 1876]. —— S.

Hand drawn in pen and ink.

8033. **Siegel's** official illustrated map and guide of the Michigan state fair. Detroit, c1908. —— B.

8034. **Chart** of the St. Clair flats reduced from the original surveys of Capt. George G. Meade, under the direction of Lieut. Col. J. Kearney. Showing also the improvement of the mouth of the South Pass now being effected by the United States. [Washington, 1857]. —— L C.

Issued by U. S. War dept., corps of engineers, lake survey.

8035. **Map** of the Saint Clair flats, Mich. Surveyed in 1887 by H. D. Bartholomew, under authority of a commission, issued by the commissioner of the State land office, dated Dec. 28th 1886. [Lansing? 1887?]. —— S.

8036. **Isolation and disinfection;** restricted scarlet fever and diphtheria in Michigan during the 10 years 1887-96. [Lansing? 1896?]. —— U.

III

MANUSCRIPTS IN THE BURTON HISTORICAL COLLECTION

A

STUB-BOOK VOLUMES

The Burton Historical Collection has over thirteen hundred large stub-book volumes filled with manuscripts. Because of the miscellaneous character of some of this material and the breaks in the collections, the descriptive notes have been arranged consecutively by volumes. The notes on the various portions of each collection though separated in this list are all cited under one caption in the index. However the volumes have been grouped together so far as the collections of manuscripts permitted and the smaller collections within the larger considered in the descriptive notes. Mainly the general character of the material has been noted but in some cases important documents are cited. While nothing short of the publication of each document would be entirely satisfactory, it is felt that students of Michigan history will find this descriptive list useful.

8037. Vols. 1 to 18.—Mss. of the Askin family, 1747-1836. Large portion relate to business matters of John Askin and include correspondence, accounts, receipts, invoices, promissory notes and deeds. Most of the volumes contain material on the sale and purchase of land; vols. 9, 11 and 18 having lists of Askin's property, and vol. 17 material on the Askin estate. Vols. 1 to 5, 12 and 18 contain data on the fur trade; vols. 12, 13, 15, 17 and 18 material on military matters; vols. 3, 4, 8 and 9 information on Indian affairs; vols. 2 and 15 material on law suits; and vol. 17 records of the quarter sessions of a court held at Sandwich, 1832-1836. Vol. 12 contains business letters and papers of James Abbott and George Meldrum; vols. 15, 16 and 17 manuscripts of Charles Askin; and vol. 18 material on the female benevolent society at Detroit.

8038. Vols. 19 to 32.—Mss. of John R. Williams, 1784-1853. Relate largely to business affairs though some are legal, political and military in character. The business letters and papers include correspondence relative to the purchase and shipments of merchandise; lists of books purchased; material on the sale of property; and receipts, accounts, contracts, inventories, promissory notes, and deeds. Vols. 19, 20, 21 and 23 contain material on the fur trade; vols. 19, 20, 21, 23, 27, 31 and 32 proceedings of public meetings, petitions, data on elections and other material political in character; vols. 21, 22, 26 to 29 and 32 information on the Territorial militia and military affairs; vols. 21, 22, 23 and 25 data relating to the Bank of Michigan and other banks. Vol. 19 contains a docket of cases in the Wayne county court; vol. 28 papers relating to the Indians around Michilimackinac; and about two-thirds of vol. 29 consists of papers relating to H. R. Schoolcraft, Indian agent. A considerable portion of each of vols. 19 to 25 is filled with the manuscripts of Dr. William McCoskry which consist mainly of accounts, receipts and promissory notes and papers relating to the settlement of the McCoskry estate. The manuscripts in vol. 32 are undated and consist mainly of resolutions adopted at public meetings, petitions, papers relating to a Fourth of July celebration at Detroit; address before a convention of delegates of the Anti-Masonic party and copies of articles for newspapers on political, military and other subjects.

8039. Vol. 33.—Mss. of the Rivard family, 1740-1855. Mostly private papers of Jean Baptist, Simon, Charles and Ferdinand Rivard; and include receipts, accounts, deeds, inventories, tax notices, will of Charles Rivard, and papers relating to the Rivard estate.

8040. Vols. 34 to 36.—Mss. of James Abbott, 1789-1857. Mainly accounts, receipts, deeds and promissory notes; correspondence relating to rents, purchase and value of property; and papers relating to the settlement of the estates of James Abbott, Sr., and of Samuel Abbott.

8041. Vols. 37 to 66.—Mss. of Halmor Hull Emmons, and of Van Dyke and Emmons, 1834-1872. Mainly manuscripts of a legal character, though some of the letters and papers relate to business and private matters. Over forty pages of vol. 37 are filled with information on baptisms, marriages and deaths of members of the Beaubien family, and other data on the family. This volume also contains copies of minutes of the common council, Detroit, 1827-1830. Vols. 39, 42, 46, 48, 57, 58 and 59 to 66 contain materials relating to the Erie and Kalamazoo, Michigan southern, Detroit and Milwaukee, Grand Rapids and Indiana, the Chicago and Michigan grand trunk, and other railroads; and include an abstract of the proceedings of the directors and stockholders of the Erie and Kalamazoo railroad co., 1834 to 1844 in vol. 39; statement of earnings and estimated expenses of the Michigan southern in 1860 and estimated receipts for 1861 and 1862, in vol. 62; statement of the receipts and expenses of the Detroit and Milwaukee in 1860, in vol. 63; and amount of subscription to the capital stock of the Chicago and Michigan grand trunk, listed by counties, and an abstract showing the improved condition of the Detroit and Milwaukee railroad by the annual traffic earnings, 1863-1865, in vol. 64. Vol. 49 contains the testimony of the defendants in the case of Giltner vs. Gorham, known as the Adam Crosswhite case and arising under the Fugitive slave rendition law. Letters and papers of the law firms of James A. Van Dyke and Ebenezer B. Harrington, 1843-1845, are found in vols. 45 and 46; of William A. Howard and Robert P. Toms in vols. 52, 53 and 55; of Robert P. Toms, Oscar F. Cargill and Marcus A. Chase in vol. 53; of Toms and Chase in vols. 53, 54, 58 and 59; of J. P. C. Emmons, and of J. P. C. Emmons and L. L. Jones in vols. 53, 54, 57 and 58 and of Robert P. Toms in vols. 60 to 66. Vol. 59 contains correspondence of J. C. Holmes relating chiefly to meetings of agricultural societies and premiums awarded at the State Fair in 1867.

8042. Vols. 67 to 69.—Mss. of Robert P. Toms, 1873-1877. Continuation of the Toms manuscripts in the preceding volumes and consist mainly of letters and papers legal and business in character.

8043. Vols. 70 to 84.—Mss. of Van Dyke and Emmons and of H. H. Emmons, 1809-1870. Large portion are legal in character though there are also receipts, promissory notes, cancelled bank checks and other private business papers. Vols. 71 to 84 contain a collection of manuscripts of Garwood T. Sheldon consisting largely of letters concerning the sale of lands for taxes, price of lands, information about titles to lands; lists of property on which taxes were due; certificates of property redeemed; deeds; and mortgages. Vols. 73 and 84 contain data on railroads; vols. 78, 83 and 84 a few manuscripts of J. P. C. Emmons; and vols. 81 and 82 legal letters and papers of the law firm of Eben N. Willcox, Garwood T. Sheldon and William J. Gray.

8044. Vols. 85 to 91.—Mss. of Jacob M. Howard, 1750-1870. Mainly legal and political in character. Part of volume 85 consists of deeds and papers relating to land grants. The Howard manuscripts are a source of information on the admission of Michigan into the Union; construction of railroads; factional character of the Whig party; appointments to office; the Republican party; political influence of corporations; and issues of the Reconstruction period.

8045. Vol. 92.—Early Detroit documents. Include a paper by Clarence M. Burton on Augustus B. Woodward and other data on Judge Woodward; petitions and other material relative to schools in Detroit in the territorial period; and some deeds.

8046. Vols. 93 to 98.—Mss. of Theodore Romeyn, and of Thomas M. Lockwood, and Hovey K. Clarke, 1836 to about 1886. Relate mainly to railroad matters and legal affairs. Vols. 93 and 94 contain letters and papers of the Port Huron and Milwaukee Railroad company and vol. 95 material relating to railroads, especially the Great Western, Detroit and Milwaukee, and Lake shore and Michigan southern. These volumes also contain material relating to lands; vol. 98 having business and legal manuscripts of Jacob M. Howard, 1836-1865. These include tax and other receipts; certificates of land sold for taxes and redeemed; and a list of private claims at Sault Ste. Marie.

8047. Vol. 99.—Mss. of H. H. Emmons, 1864-1866. Mainly papers legal and business in character relating to railroads.

8048. Vol. 100.—Miscellaneous mss. Consist mainly of letters and papers of Jean B. and Charles Piquette; Duncan Reid and Mrs. Eleanora

Reid; and of T. M. Sheldon, 1783-1840. The manuscripts of Jean B. Piquette cover 1783 to 1812 and those of Charles Piquette, 1838 to 1840. These are mainly business papers, including receipts, letters relative to shipment of goods and accounts with Detroit firms; also papers relating to the Piquette estate. The Reid papers cover 1819 to 1825 and include receipts, accounts, and papers relative to the estate of Duncan Reid. The Sheldon manuscripts cover 1826 to 1840 and include receipts; accounts; copies of petitions to the Territorial Council and State Legislature; legislative committee reports; resolutions; and journals of the Territorial Council and the State Legislature.

8049. Vol. 101.—Mss. of the Godfroy family, 1799-1841. Mainly papers of Gabriel, Peter, and J. J. Godfroy. Over half of the volumne consists of such papers as deeds, receipts, accounts, orders for goods, contracts, and letters about shipment of goods. The greater portion of the rest of the volume consists of orders to sheriffs for the appearance of people in court and papers relating the sessions of court in Wayne county in the Territorial period. Also accounts of Captain Jesse Burbank with Angus Mackintosh and others, and lists of provisions issued to Capt. Burbank, 1799 to 1809; a list of taxes in Wayne county in 1802; and several papers relating to matters in territorial courts about 1812.

8050. Vol. 102.—Mss. relating to the Munroe (Monroe)—Burton genealogy.

8051. Vols. 103 to 144.—Mss. of William Woodbridge, 1771 to about 1860. Vol. 103 contains manuscripts of John Trumbull, 1771 to 1790, which consists mainly of private correspondence, deeds and accounts; and letters of William Woodbridge while he was in school in the East. The rest of the volumes contain large numbers of legal and private papers and are an excellent source of information on political issues, giving the point of view of a leading Whig on these questions. Vols. 114, 116, 121 to 125 contain a number of public records and considerable information on territorial elections and political issues; vols. 129 to 138 data on the leading questions in politics between 1834 and 1848 such as views of Whigs toward the foreign element, the Constitutional Convention of 1835, factional character of the Democratic and Whig parties, panic of 1837, internal improvements, tariff, and election of 1848; and vols. 143 and 144 consists mainly of copies of speeches, remarks in congress, petitions, messages, resolutions, newspaper articles and papers relating to cases in court. Vol. 109 also contains material on the War of 1812; vols. 111 to 126 a large number of reports and letters from the office of the collector of customs at Detroit.

8052. Vols. 145 to 169.—Mss. of H. H. Emmons, 1817-1876. Consist chiefly of correspondence of a legal character and papers connected with cases in court. A large number of these relate to the affairs of railroad companies, especially the Erie and Kalamazoo, the St. Joseph valley and the Michigan southern railroad companies, and many to cases while H. H. Emmons was

Judge of the U. S. Circuit Court. Vol. 163 contains some of the manuscripts of Cornelius O'Flynn, and vols. 162 and 164 of Garwood T. Sheldon.

8053. Vol. 170.—Mss. of William Backus and of W. H. Jackson, 1865-1893. The former cover p. 1-208 and the latter p. 209 to end. The Backus manuscripts consists of papers relating to land; also correspondence, receipts and cancelled bank checks. The rest of the volume contains deeds and receipts of Annie E. B. Jackson; a few accounts and letters.

8054. Vol. 171.—Mss. of H. H. Emmons, and of A. and H. H. Emmons, 1807-1839. Mainly receipts, accounts, deeds, and papers relating to cases in court.

8055. Vol. 172.—Mss. of Jacob M. Howard, Judge John Hunt and of Robert Mitchell Eberts, 1824-1864. The Howard manuscripts cover 164 p. and relate mainly to the claims of the De Repentigny heirs to lands at Sault Ste. Marie. The Hunt and Eberts papers consists largely of receipts, accounts and deeds.

8056. Vol. 173.—Mss. of John Prentis, 1812-1866. Mainly deeds, contracts, and correspondence relative to payments of money, and other business and legal matters.

8057. Vols. 174 to 183.—Mss. of H. H. Emmons and of Van Dyke and Emmons, 1834-1882. Mainly papers legal in character, many of which are undated. Some of the volumes contain information on railroads; vol. 182 contains manuscripts of A. Van Arsdale, 1857-1868; and vol. 183 manuscripts of Robert P. Toms, 1858 and 1880; of A. Van Arsdale, 1857-1868; and of William J. Gray, 1884-1886, which are legal in character.

8058. Vol. 184.—Mss. of Robert P. Toms, 1880-1883. Correspondence relating mainly to leases, taxes, purchase of property, rentals and titles of property.

8059. Vol. 185.—Mss. of H. H. Emmons, undated, and of William J. Gray, 1885. Legal papers. The papers of Gray relate mainly to the case of Campau vs. Moran.

8060. Vols. 186 to 189.—Mss. of Charles L. Bissell, 1854-1857. Correspondence relative to the price, purchase, shipment and supply of grain, beans, rice, potatoes and poultry. Vol. 189 also contains letters, deeds, receipts and other papers of Theodore Romeyn, 1883-1884.

8061. Vols. 190 to 192.—Mss. of Theodore Romeyn, 1860-1885. Consist largely of accounts, receipts, cancelled bank checks, part of Romeyn's letter book in 1880, newspaper clippings, and letters and papers of a legal and political character.

8062. Vol. 193.—Miscellaneous mss., 1805-1883. About fifty pages of receipts, accounts and correspondence of Charles Larned; some deeds; receipts; certificates of lands purchased for unpaid taxes; a law docket; and about fifty pages of letters and papers relative to the estate of Alexander D. Fraser.

8063. Vols. 194 to 195.—Mss. of Alexander D. Fraser, 1846-1883. Consist mainly of correspondence, receipts, accounts, deeds and papers in the settlement of the estate.

8064. Vols. 196 to 199.—Mss. of H. H. Emmons, 1839-1870. Mainly papers relating to cases in court. Vol. 199 also contains letters of J. P. C. Emmons, and correspondence of H. H. Emmons with officials of railroad companies.

8065. Vols. 200 to 202.—Mss. of Ross Wilkins, 1829-1892. The first two volumes contain mainly business and private correspondence; letters and papers legal and political in character; accounts; receipts; and deeds. The third volume also contains copies of sermons, notes fors ermons, Biblical references, and correspondence with ministers of the Methodist denomination.

8066. Vols. 203 to 204.—Mss. of William Woodbridge, undated. Miscellaneous collection consisting chiefly of memorandum notes, arguments on points of law, a treatise on taxation, copies of a speech in Congress and of an address before the New England society.

8067. Vol. 205.—Mss. apparently of Nelson H. Wing and others, 1830-1856. Mostly United States land certificates and deeds, on many of which the names of Oscar F. Cargill, Nelson H. Wing or Theophilus Crawford appear.

8068. Vols. 206 to 227.—Mss. of H. H. Emmons and of Van Dyke and Emmons, 1836-1871. Consist largely of letters and papers legal in character. Vols. 211, 215-217 and 220-222 contain considerable information on railroads, among these the Detroit and Milwaukee, Michigan southern and the Amboy, Lansing and Traverse Bay. Letters of J. P. C. Emmons are scattered through these volumes. Manuscripts of A. and H. H. Emmons appear in vols. 207, 209, 213 and 221; of Van Dyke and Harrington in vols. 207 and 208; of Peter J. Desnoyers in vol. 212; of Van Dyke, Emmons and Sheldon in vol. 214; of J. C. Holmes in vol. 216; and of the Charles Laurent estate, 1882, in vol. 227.

8069. Vols. 228 to 258.—Mss. of Robert P. Toms, 1845-1888. Mainly letters and papers of a legal character, together with a number of deeds, accounts, receipts, cancelled bank checks and other business papers. Manuscripts of William J. Gray appear in vol. 233. Letters and papers of the law firm of Howard and Toms are found in vols. 235-239, 245-252, 255-257; of Howard and Cargill in vols. 237, 239-244, 246, 249-251, 255. Part of vol. 258 contains accounts of James Carniff in 1891, and manuscripts of Denis J. Campau, 1877, and of Joseph Campau.

8070. Vol. 259.—Mss. of Sylvester, George B. and Charles Larned and of John Hunt, 1810-1859. Mainly papers and correspondence relating to legal matters; also some business papers and letters of a political character.

8071. Vol. 260.—Mss. of Robert P. Toms, 1867-1880. Mainly correspondence relating to legal matters; some business papers.

8072. Vol. 261.—Mss. of Sylvester, George B. and Charles Larned, 1808-1877. Mainly correspondence legal in character; some legal and business papers.

8073. Vols. 262 to 282.—Mss. of H. H. Emmons and of Van Dyke and Emmons, 1834-1870. Contain chiefly correspondence and papers of a legal character. Material on the Detroit and Milwaukee railroad is found in vols. 262, 266, 269, 275, 279 and 280; and on the Michigan southern in vols. 266 and 273. Letters of J. P. C. Emmons are scattered through these volumes. Manuscripts of A. and H. H. Emmons appear in vols. 262, 263, 267, 269 and 280; of Van Dyke and Harrington in vols. 263, 279, 280 and 281; of Garwood T. Sheldon in vol. 264; of Emmons and Jones in vols. 269 and 275; and of Denis J. Campau, 1863-1878 in vol. 282.

8074. Vols. 283 to 299.—Mss. of the Campau family, 1852-1878. Mostly letters and papers of Denis J. Campau and Theodore J. Campau relating to business and legal matters. A considerable portion relate to the settlement of the estate of Joseph Campau. About half of vol. 296 is filled with certificates of steamer inspectors issued by authority of the United States.

8075. Vol. 300.—Mss. of James May, James W. Romeyn and of the Emmons family, 1788-1878. The May papers consist of Detroit deeds, 1788-1797 and fill 43 pages. The Romeyn papers cover p. 48-109 and relate in part to the presidential election campaign in 1876. The Emmons papers consist of correspondence of H. H. and J. P. C. Emmons of a legal and private character, 1836-1857, and include 2 letters dated 1853 and 1858 respectively, from Peter White on political matters. Also letters from J. C. Holmes about premiums awarded at the State Fair in 1857.

8076. Vol. 301.—Mss. of H. H. Emmons, 1836-1868. The first part of the volume consists mainly of private and legal correspondence of J. P. C. Emmons. There are a few letters to J. C. Holmes about meetings of agricultural societies, and the State Fair. The manuscripts after 1860 belong to H. H. Emmons and relate mainly to railroad affairs, especially the Detroit and Milwaukee railroad company.

8077. Vol. 302.—Mss. of the Campau family, 1873-1878. Mainly receipts and accounts of Denis J. Campau.

8078. Vols. 303 to 329.—Mss. of H. H. Emmons, 1834-1879. Contain mainly manuscripts of a legal character, though there are a number of business letters and papers, and some private correspondence. Information on railroads can be obtained from most of these volumes. Among these are the following: Detroit and Milwaukee in vols. 301, 306, 307, 310, 311, 312, 314-321 and 323-329; Detroit, Howell and Lansing in vol. 306; Grand Rapids and Indiana in vol. 310; Grand Trunk in vols. 311, 315, 325, 326 and 327; Great western in vols. 316, 318-320; Michigan southern in vols. 312, 317-320 and 323-327: Manuscripts of J. P. C. Emmons appear in most of these volumes. Vol. 301 contains a few letters of J. C. Holmes relating to agricultural societies and the State Fair; vol. 309 about forty pages of business papers of A. Nowlin, 1878-79: vols. 310, 311, 313, 315, 317, 318, 320-322, 324-329 manuscripts of the law firm of Van Dyke and Emmons; vols. 313 and 317 of A. and H. H. Emmons; and vols. 328 and 329 of Van Dyke and Harrington.

8079. Vols. 330 to 331.—Mss. of Robert P. Toms and of Howard and Toms, 1851-1864. Mainly correspondence relating to legal and business matters. Most of vol. 330 and about fifty pages of vol. 331 are filled with manuscripts of the law firm of Howard and Toms.

8080. Vols. 332 to 335.—Mss. of H. H. Emmons and of Van Dyke and Emmons, 1832-1869. Consist mainly of letters and papers of a legal character and papers relating to the Detroit and Milwaukee, Great western, Grand Rapids and Indiana, Michigan southern, and other railroads. Manuscripts of J. P. C. Emmons, A and H. H. Emmons and of J. C. Holmes are also found in these volumes.

8081. Vol. 336.—Mss. of Robert P. Toms, 1851-1855, 1864. Mainly correspondence of a legal character. About half of the volume consists of Toms manuscripts and the other half the manuscripts of the law firms of Howard and Toms, and of Toms, Cargill and Chase.

8082. Vol. 337.—Mss. of H. H. Emmons, 1837-1860. Mainly correspondence and papers, legal, business or private in character. Part of the volume contains manuscripts of Van Dyke and Emmons and of J. P. C. Emmons.

8083. Vols. 338 to 339.—Mss. of Robert P. Toms, and of Howard and Toms, 1851-1869. Mainly letters and papers of a business and legal character.

8084. Vol. 340. —Mss. of H. H. Emmons, Van Dyke and Emmons, and of J. P. C. Emmons, 1833-[186 ?]. Mainly correspondence and papers legal and private in character.

8085. Vols. 341 to 343.—Mss of Robert P. Toms, 1852-1882. Consist of letters and papers legal and business in character.

8086. Vol. 344. —Mss. of Van Dyke and Emmons, and of H. H. Emmons, 1796-1860. Mainly correspondence and papers legal in character; some undated.

8087. Vols. 345 to 347.—Mss. of Robert P. Toms, 1851-1884. Mainly papers and correspondence legal and business in character. Vol. 346 contains manuscripts of the law firms of Howard and Toms and of Toms, Cargill and Chase, and vol. 347 letters and papers of William J. Gray, 1884.

8088. Vol. 348.—Mss. of H. H. Emmons, mostly in the sixties. Mainly papers and correspondence legal in character. Some of the manuscripts relate to the Detroit and Milwaukee railroad.

8089. Vol. 349.—Mss. of Robert P. Toms, 1861-1884. Mainly correspondence private, legal and business in character. Volume also contains manuscripts of William J. Gray.

8090. Vol. 350.—Mss. of H. H. Emmons, and of Van Dyke and Emmons, 1840-1866. Partly unimportant letters and papers legal and business in character and partly material on railroads.

8091. Vol. 351.—Mss. of Robert P. Toms, 1862-1884. Mainly correspondence legal and business in character; some private letters and business papers. Volume also contains manuscripts of William J. Gray.

8092. Vols. 352 to 354.—Mss. of H. H. Emmons, 1850-1883. Larger part of the manuscripts are legal in character though a considerable portion relate to business matters. These also contain information on the Detroit and Milwaukee, Oakland and Ottawa, the Port Huron and Lake Michigan, and other railroads.

8093. Vol. 355.—Mss. of Robert P. Toms, 1859-1873. Mainly correspondence of a legal and business character. About two-thirds of the volume consists of Toms manuscripts and the remainder mainly of manuscripts of William J. Gray, 1884.

8094. Vol. 356.—Mss. of Van Dyke and Emmons and of H. H. Emmons, 1836-1870. Mainly correspondence and papers legal and business in character. There are also some materials on railroads in this volume and manuscripts of J. P. C. Emmons.

8095. Vols. 357 to 348.—Mss. of Robert P. Toms and of Howard and Toms, 1851-1888. Consist mainly of letters and papers of a legal character, together with a considerable number relating to business and private matters. Several of the volumes contain manuscripts of the law firms of Toms and Chase and of Cargill and Chase. Manuscripts of William J. Gray appear in vols. 359, 363, 375 and 376.

8096. Vol. 385.—Mss. of Van Dyke and Emmons and of H. H. Emmons, 1843-1857. Mainly correspondence and papers of a legal character, together with some railroad material. Volume also contains manuscripts of Van Dyke and Harrington, Van Dyke, Emmons and Sheldon, and of J. P. C. Emmons.

8097. Vols. 386 to 387.—Mss. of Robert P. Toms and of Howard and Toms, 1852-1879. Mainly legal and private in character. Vol. 387 also contains Report of the directors of the Great western railway of Canada for the half year ending July 31, 1861. Vol. 386 also contains manuscripts of Toms and Chase and vol. 387 of William J. Gray.

8098. Vol. 388.—Mss. of Ross Wilkins, mostly undated, some in the fifties. Mainly briefs and other papers of a legal nature.

8099. Vol. 389.—Mss. of Robert P. Toms and others, 1852-1885. In addition to the Toms manuscripts most of which are legal in character, there are letters and papers of Howard and Toms, and of William J. Gray, 1884-1885, also legal in character; portion of a letter book of H. H. Emmons, February 11, 1870 to April 25, 1870; and over fifty pages of correspondence of Charles L. Bissell and company in 1856 relating to the price and shipment of grain.

8100. Vols. 390 to 391.—Mss. of Charles L. Bissell and company, 1854-1856. Mainly correspondence relative to the price and shipment of grain, potatoes, poultry, eggs, etc.

8101. Vol. 392.—Mss. of Ross Wilkins, partly undated, some in the fifties. About half of the volume contains papers relative to cases in court and the other half receipts and accounts.

8102. Vol. 393.—Mss. of Charles L. Bissell and H. H. Emmons, 1857-1890. Over half of the volume contains correspondence of Charles L. Bissell, 1857-58, chiefly about prices and shipment of grain. Twenty-seven pages are filled with manuscripts of H. H. Emmons in the sixties relating mainly to railroads. There are also papers in the nineties legal in character.

8103. Vol. 394.—Mss. of Ross Wilkins, and of Robert P. Toms, about 1848-1891. The Wilkins papers relate mainly to cases in court, including testimonies in Giltner vs. Gorham et al., 1848. There are also three books of accounts of the National Insurance Bank with Robert P. Toms and copies of the Michigan almanac for 1884, 1885 and 1891.

8104. Vols. 395 to 399.—These volumes originally contained maps which have been removed.

8105. Vols. 400 to 401.—Mss. of H. H. Emmons, about 1869-1872. Mainly papers relating to cases in court. Considerable space is filled with material relating to the Grand Rapids and Indiana railroad.

8106. Vol. 402.—Mss. of Jacob M. Howard. Relate mainly to the claim of Louise Pauline Legardeur de Repentigny and others to the Seigniory or Feif known as Sault Ste. Marie. Most of the papers are dated 1862 to 1864.

8107. Vols. 403 to 407.—Mss. of John Norton and Charles C. Trowbridge 1836-1839. Relate in part to business matters of the Michigan State Bank. Vol. 403 also contains papers relating to lands in Wayne and Allegan counties, 1817-1835, and to the estate of Mary Abbott; vols. 404 and 405 correspondence with Charles C. Trowbridge and A. H. Adams of a business character, 1845-1848; vol. 407 over one hundred pages of correspondence with the law firm of Asher B. Bates, H. N. Walker and Samuel T. Douglass, 1839, and over thirty pages of correspondence with George F. Porter, lawyer, 1839.

8108. Vols. 408 to 413.—Mss. of Charles C. Trowbridge, of Bates, Walker and Douglass and of Walker and Douglass, 1839-1844. The manuscripts of

Bates, Walker and Douglass and of Walker and Douglass relate mainly to legal matters. Vol. 408 contains correspondence of John Norton relative to the banking business and most of the volumes contain manuscripts of Charles C. Trowbridge relating to banking and business matters.

8109. Vols. 414 to 417.—Mss. of Charles C. Trowbridge and others, 1829-1872. Relate to business matters, chiefly to the Bank of Michigan and Michigan State Bank. Vol. 414 contains also manuscripts of John Norton, 1837, and A. H. Adams, 1846-1852, relating to bank affairs; legal materials from the office of Douglass and Walker, 1844; and letters of the Right Reverend Bishop McCoskry concerning church matters; vol. 415, information on the Amboy, Lansing and Traverse Bay railroad and the Detroit and Erin plank road; vols. 416 and 417 papers of John Gibson, 1838-1865; and vol. 417 letters and papers of John Norton and A. H. Adams.

8110. Vols. 418 to 420.—Mss. of Charles C. Trowbridge and of Charles Root and co., 1849-1896. Relate mainly to business matters. There are also papers relating to the Detroit and Erin and Detroit and Howell plank roads, including maps of these roads; and business correspondence of Charles L. Bissell.

8111. Vol. 421.—Mss. of Charles L. Bissell, 1855. Correspondence about prices and shipment of grain. Also a copy of a memorial of the Trustees of the Detroit fire department to the Legislature.

8112. Vols. 422 to 423.—Collection of invitations, programs, and of literature issued by railroads and steamship companies advertising pleasure trips and summer resorts.

8113. Vols. 424 to 425.—Mss. of Charles Jackson, 1833-1887. Consist mainly of accounts, deeds, mortgages, correspondence, and insurance and other papers, part of which relate to the Charles Jackson estate. About 15 pages of manuscripts of Charles C. Trowbridge relating to land and a collection of U. S. land certificates are found in vol. 424.

8114. Vol. 426.—Mss. of John Anderson (Architect); and early Detroit documents. The Anderson manuscripts cover the first 70 pages and consist of plans of buildings and estimated cost of labor and material. The rest of the volume consists of documents relating to the early history of Detroit.

8115. Vol. 427.—Mss. of Waldo M. Johnson, 1854-1864; and Detroit documents. The Johnson manuscripts cover pages 1-56 and 210-250 and relate to the price of stocks, especially railroad stocks, and investments in same. Volume also contains election tickets of Detroit and Wayne county during the civil war and some Brady and Robison family papers.

8116. Vol. 428.—Mss. of Waldo M. Johnson and of Sidney D. Miller, 1844-1900. The correspondence and private business papers of Waldo M. Johnson, 1863-1870, fill about 18 pages. The correspondence and papers of

Sidney D. Miller relate in part to the Detroit street railway. Also statement of condition of lands in Baraga and Marquette counties by the Auditor General's office, 1864-1879, and a collection of deeds.

8117. Vol. 429.—Mss. of John Gibson and others, 1824-1892. About half of the volume consists of deeds to property; also township charts showing lands for sale in 1884; receipts and accounts of Elizabeth and Ellen Gibson and of John Gibson, 1861-1884; and a number of short essays by William A. Hopson.

8118. Vol. 430.—Mss. of John Gibson and of John R. Williams. About one-fourth of the volume consists of receipts and accounts of John Gibson and Elizabeth and Ellen Gibson. The Williams papers cover p. 65-105. A considerable portion of the volume consists of charts showing swamp, school and vacant lands, most of them dated 1885-86; also several monthly returns of troops in the Harbor of New York, and other reports, 1809-1812.

8119. Vol. 431.—Mss. of Bela Hubbard, Robert J. Hubbard, and Thomas H. Hubbard, and of Waldo M. Johnson, 1848-1865. The Hubbard manuscripts consist of about one-third of volume of certificates of purchase of land sold for taxes; and statements of taxes due, paid and received on land. The Johnson manuscripts consist letters and papers of a business character.

8120. Vols. 432 to 437.—Mss. of Nelson H. Wing, 1838-1878. Chiefly tax and other receipts; deeds to property; other business papers; and correspondence relative to timber and other lands. Vol. 437 contains manuscripts of Robert P. Toms relating to the estate of Nelson H. Wing, of which Toms was executor.

8121. Vols. 438 to 441.—Mss. of Bela Hubbard and John E. King, and of Waldo M. Johnson, 1849-1888. The Hubbard and King manuscripts relate mostly to lands, vols. 438 and 439 containing a collection of maps of land in Sanilac county. There are a number of warrants in vol. 441 to lands granted as a bounty for military service. Vol. 440 and considerable space in the other volumes is filled with letters and papers of Waldo M. Johnson relating to stocks, especially railroad stocks, and to other business matters.

8122. Vol. 442.—Mss. of Waldo M. Johnson and of John D. Conely, 1849-1902. The Johnson manuscripts consist of correspondence, 1849-1868, of a business character. The correspondence and papers of John D. Conely, 1894-1902, relate to legal matters. The volume also contains deeds to property; a collection of speeches by Indians on the Detroit and Upper Sandusky rivers, 1788; and a paper on Cadillac by Levi Bishop.

8123. Vol. 443.—Mss. of Bela Hubbard and John E King, and of Waldo M. Johnson. About ninety-five pages of deeds to property belonging to Hubbard and King; and seventy-five pages of maps giving much detailed information of value. The rest of the volume is mainly letters of W. M. Johnson, 1849, relative to price of stocks; and some correspondence and papers of John D. Conely, of a legal character in the nineties.

8124. Vols. 444 to 447.—Mss. of Robert P. Toms, 1877-1884. Largely correspondence and papers relating to the Nelson H. Wing estate of which Toms was executor; and to other legal matters. Vol. 447 also contains manuscripts of William J. Gray who was "administrator" of the Wing estate.

8125. Vols. 448 to 449.—Mss. of John R. Williams, 1818-1852. Accounts receipts; bank drafts; letters on the purchase and rent of property; information on the Black Hawk and Mexican wars and on political issues; and resolutions of the Detroit city council.

8126. Vol. 450.—Miscellaneous mss. Papers relating to the estate of Mrs. Julia A. Anderson; material on Detroit in the Revolutionary period; article on the Chippewa Indians; collection of deeds and wills; grants of land from George III, 1764; acts of the Legislature of New York; correspondence of Major General Butler at Fort Pitt, 1791-1796; papers relating to the Territorial government, and to the constitution of Michigan in 1907; correspondence of J. O. Winship, Cleveland, Ohio, 1892-1904; and a biographical sketch of James Scott of Detroit.

8127. Vols. 451 to 453.—Mss. of John Mason, 1826-1849. Relate mainly to claims of Samuel Chew and others against the Mexican Government. Vol. 451 also contains about forty pages of receipts and other private papers of John Mason and a collection of business letters and papers of John R. Williams, 1803-1815, some of which relate to the fur trade.

8128. Vol. 454.—Mss. of John R. Williams, 1807-1832. Mainly receipts; accounts; material on the shipment of goods and payment of transportation charges; and correspondence relating to the fur trade.

8129. Vol. 455.—Mss. of John Askin, Samuel A. Drake, and of Clarence M. Burton. The papers of John Askin cover 25 pages. The Drake papers cover pages 30-110 and consist of notes for histories. The Burton papers fill pages 118 to end of vol. and relate to genealogical and historical matters. The material of an historical nature includes correspondence of John Heckewelder; notes from the life of Marshall; data on Detroit including the settlement by the French, sketch of Cadillac, the Moravians at Detroit, and the early schools.

8130. Vols. 456 to 457.—Mss. of John Askin, 1797-1832. Mainly letters and papers relating to business and private matters. These include accounts; deeds; and information on military matters, Indian affairs and on lands. Both volumes contain manuscripts of Charles Askin and vol. 457 two petitions to the Governor and Judges of Michigan territory.

8131. Vols. 458 to 459.—Mss. of James May, Alexander D. Fraser, Eurotas P. Hastings and the firm of Park and Meldrum, 1797-1847. The May and Fraser manuscripts are chiefly legal in character and cover 1797-1847. The Park and Meldrum manuscripts relate to business matters.

The correspondence of Eurotas P. Hastings, 1827-1847, fills about one hundred pages of vol. 458 and relates to missionary and church work in Michigan.

8132. Vol. 460.—Mss. of the law firm of Maynard, Meddaugh and Davison, about 1864-1893. Largely letters and papers of a legal character.

8133. Vol. 461.—Mss. of Rice and Meeker, Elon Farnsworth, Joshua W. Waterman, Ira Davenport and Francis Palms, 1847-1900. The Rice & Meeker papers cover 104 pages and relate to legal matters; Farnsworth papers, p. 105-140; the Waterman and the Davenport papers p. 145-202 and consist of land certificates; the Palms papers the rest of the volume and consist of business correspondence, deeds, etc.

8134. Vols. 462 to 474.—Mss. of the law firms of John Ward and Ervin Palmer, and of John Ward, 1872-1902. Mainly letters and papers of a legal character, though some relate to business and private matters. Vol. 465 contain also manuscripts of Ira A. Leighley of a legal character and a typewritten biographical sketch of George Christian Anthon.

8135. Vol. 475.—Wayne county records, early Detroit documents and mss. of Joseph Campau. The Wayne county records cover, 1797-1802 and relate to cases in court. There are also judgments signed by jurors; instructions to sheriffs of Wayne co.; and the subscribed declaration of those Detroit inhabitants who elected to remain British subjects. The Joseph Campau papers cover p. 69-91.

8136. Vols. 476 to 647.—Mss. of James F. Joy, 1830-1886. Vols. 476 to 522 contain papers from the law office of James F. Joy and George F. Porter, 1830-1853; and up to vol. 506 most of the manuscripts deal with legal matters. The main material relating to railroads begins with vol. 506 and fills a larger space in succeeding volumes. In these can be found correspondence with officers of a large number of railroads in various sections of the country, and reports and statistics on these railroads. For instance information can be had on many western railroads, such as the Atchison and Nebraska; Atchison, Topeka and Santa Fe; Hannibal and St. Joseph; Kansas City, St. Joseph and Council Bluffs; Leavenworth, Lawrence and Galveston; Missouri river, Fort Scott and Gulf; and the Union Pacific. However only railroads in Michigan and those mainly or entirely in the Great Lakes region are listed below. While information on other railroads in this region than are listed below, and more on those that are listed, can doubtless be found in this collection, an attempt has been made to give the names of those with whose officers Joy had considerable correspondence or on which reports and statistics have been noted. The names of these railroads with the numbers of the volumes in which the material appears are as follows: Chicago and Aurora, 517-520, and succeeding volumes; Chicago and Michigan lake shore, 570, 573, 576, 578-599, 601-603, 606, 607, 609, 611-614, 621, 629, 633, 634, 637-640, 643-647; Chicago and northwestern, 524 and 630; Chicago, Burlington and Quincy, 525-578, 580, 582-589, 593-602, 604-607, 610, 615, 617-624, 627-632, 641-647; Chicago, Clinton, Dubuque and Minnesota, 597, 604-607, 610, 621, 623-626, 637, 639, 643; Detroit and Bay City, 626, 629, 636, 637, 645, 647; Detroit, Lansing and Lake Michigan, 585, 593-599, 601, 605, 606, 611-614, 617, 626, 631, 632, 637-643; Flint and Pere Marquette, 607 and 608; Grand Rapids and Indiana, 549, 550, 556, 560, 570, 571; Grand Trunk, 560 and 578; Illinois central, 516-533, 535-538, 543, 550, 556, 582, 630; Jackson, Lansing and Saginaw, 553, 554, 564, 587, 593-599, 604-607, 622, 625, 626, 643; Michigan central, 506, 508, 509-514, 516-519, 521-524, 526-533, 535-537, 539, 541-544, 546-593, 595-601, 603-647; Michigan southern, 508, 512-515, 520, 522, 526; Michigan southern and northern Indiana, 538 and 558; Northern Indiana, 506, 508, 513, 514, 520; Wisconsin Valley, 619-621, 623, 624, 627-629, 632, 636, 641-645, 647.

8137. Vol. 648.—Mss. of Ward and Palmer and of John Ward, 1872-1898. Mainly letters and papers of a legal character; also some business papers.

8138. Vols. 649 to 743.—Mss. of James F. Joy, 1855 to about 1890. The material in vols. 649-733 is similar to that in the preceding volumes of Joy manuscripts. The names of the railroads with the numbers of the volumes are as follows: Chicago and Michigan lake shore, 649, 650, 662-664, 667-671, 733; Chicago, Burlington and Quincy, 651, 655-657, 665, 667-676, 681, 696, 702, 706, 708-711, 725, 727, 728; Chicago, Clinton, Dabuque and Minnesota, 678-703, 724; Detroit and Bay City, 653-711, 722, 724; Detroit, Eel River and Illinois, 660-664, 673; Detroit, Lansing and Lake Michigan, 649-664, 674; Detroit, Lansing and northern, 679-711; Flint and Pere Marquette, 680; Fort Wayne, Jackson and Saginaw, 687, 694-698, 725; Jackson, Lansing and Saginaw, 661, 665, 675, 697, 698, 704-713, 726; Lake shore and Michigan southern, 655, 659, 722; Michigan central, 650-733; Wisconsin Valley, 650-671, 678, 679, 688, 690, 691, 698-701. Vols. 734-743 contain mainly accounts, receipts and cancelled bank checks.

8139. Vol. 744.—Mss. of James F. Joy, and from the Revenue office, Sault Ste. Marie, 1799-1872. About forty pages of cancelled bank checks of James F. Joy, 1872. The rest of the volume contains manuscripts from the Revenue office at Sault Ste. Marie, 1799-1807.

8140. Vols. 745 to 777.—Mss. from the Revenue office, Sault Ste. Marie, 1802-1871. Mainly manifests of cargoes, reports, lists of instructions and correspondence. Some relate to lighthouses.

8141. Vols. 778 to 785.—Mss. of Peter P. Wright, lawyer of Delhi, Delaware county, New York, 1825-1858. Mainly letters and papers of a legal character.

8142. Vols. 786 to 787.—Mss. of Peter P. Wright and of Daniel W. Howard and James M. Welch, war claims agency, Detroit, 1859-1877. Part of the Wright manuscripts cover 1859 and 1860 and part are undated. The

Howard and Welch manuscripts cover 1863-1877 and relate mainly to the discharge of soldiers, claims for bounty and back pay, and pensions.

8143. Vols. 788 to 793.—Mss. of James F. Joy, 1819-1895. Vols. 788 and 789 contain mainly manuscripts from the law office of Joy and Porter; vols. 790 and 791 a large number of mansucripts relating to mining interests in the upper peninsula; and vols. 792 and 793 considerable information on railroads.

8144. Vol. 794.—Mss. of James F. Joy and of John Ward, 1797-1908. Over 100 pages of letters and papers of Joy and Porter, legal in nature. Then Bible references and a sermon of Rev. Henry Axtell, Presbyterian Minister, Geneva, New York; list of births, deaths, and marriages at Saco, Maine, 1819-1843; material on exports and imports of the Port of Detroit; and monthly meteorological summary, Detroit, Feb., 1908. Pages 170 to the end consist of letters and papers of John Ward of a legal and business character.

8145. Vols. 795 to 796.—Mss. of the Campau family, and of Ward and Palmer, 1791-1865. The Campau manuscripts consist of deeds, leases, contracts, receipts, lists of tenants, U. S. land certificates and papers relating to the estate of Joseph Campau. The Campau manuscripts only fill about 170 pages of vol. 796. The remainder of the volume contains manuscripts of the law firm of Ward and Palmer.

8146. Vols. 797 to 816.—Mss. of Ward and Palmer, and of John Ward, 1851-1904. Mainly letters and papers of a legal character.

8147. Vols. 817 to 819.—Mss. of Thomas Williams, 1771-1804. Mainly letters and papers of a business character, including material on the fur trade.

8148. Vols. 820 to 823.—Mss. of John R. Williams, 1784-1849. Largely letters and papers of a business character. Vol. 820 contains material on the fur trade and vols. 821 and 823 information on the Mexican war.

8149. Vol. 824.—Mss. from Biddeford, York county, Mass., 1721-1821.

8150. Vol. 825.—Mss. of Robert Sanders, 1807-1809. Mainly correspondence of a business character; also some information on political questions.

8151. Vols. 826 to 827.—Mss. of John R. Williams, mostly undated. Mainly letters and papers of a business nature and include information on the fur trade and on military matters. A considerable portion of vol. 827 is filled with county records of Huron county, 1867-1902, including orders on the county treasury, record of votes cast, list of assessments on townships, and liquor licenses issued in 1902.

8152. Vol. 828.—Mss. of William and Francis Button, 1843-1909. About eighty-five pages of accounts; receipts; deeds; contracts and specifications for the construction of buildings in Detroit; and papers relating to the estate of George Perring, some in the name of Francis Perring, the administrator. The rest of the volume contains deeds, accounts, receipts and papers relating to the settlement of the estate of William Button, of which Francis Button was administrator.

8153. Vol. 829.—Mss. of Thomas Palmer and of Alpheus Felch, 1820-1850. Include papers on granting the public domain to settlers; on claims against French government; on railroad communication between the Atlantic and Pacific about 1850; speeches, evidently of Alpheus Felch, in Congress; capitulation of General Hull in 1812; reports of the War dep't., 1850, on the number of soldiers in various wars; printed memorials to Congress; statement of appropriations for the Cumberland road to December 31, 1820; deeds to property, mainly to Thomas Palmer; information on Carver's grant; and p. 140 to end mainly records of Wayne county.

8154. Vols. 830 to 833.—Mss. of Alpheus Felch, 1835-1880. Vol. 830 also contains records of Wayne county. The rest of this collection contains many important letters and papers while Alpheus Felch was in public life, which give information on the banks in the thirties, on the attitude of the people toward state and national political issues; on factions in the Democratic party; on Indians; internal improvements; and on lands and land surveys.

8155. Vols. 834 to 841.—Mss. of Harper's and St. Mary's U. S. General hospitals and Post hospital at Detroit Barracks, 1864-1866. Muster rolls of sick and wounded soldiers; lists of sick and wounded under treatment; lists of patients admitted, returned to duty, discharged, deserted, died and granted furloughs; clothing issued; etc.

8156. Vols. 842 to 844.—Mss. of Thomas Williams and of John R. Williams, 1778-1851. Large number of accounts, receipts, promissory notes and orders for goods. Vol. 842 also contains material on the fur trade; vol. 843 extracts from the legislative journals for 1847 and papers relating to work on Grand Circus Park in Detroit; and vol. 844 consists largely of lists of voters and returns of elections in Hamtramck Township, Wayne co., 1839-1851.

8157. Vol. 845.—Mss. of Ward Monroe (Munro), 1827-1866. Mostly letters of a private character; receipts; accounts; deeds to property; copy of oath taken by native Americans; and papers relating to the school in Seneca Falls, New York.

8158. Vol. 846.—Mss. of Charles C. Trowbridge, 1855-1859. Cover 160 pages and include financial reports of the Detroit and Milwaukee railroad; correspondence relative to purchases and shipment of rails and other railroad material; and deeds to property. Also map of the battle ground of Gettysburg. Pages 170 to end of vol. contain early Detroit documents and letters, and include letters of a business and legal nature of Elijah Brush of Detroit in 1801; election returns of Hamtramck township, Wayne county in 1839; and correspondence of a political character in 1845.

8159. Vols. 847 to 857.—Mss. of the law firms of Albert H. Wilkinson and

Hoyt Post, and of Elisha A. Fraser and Jasper C. Gates; and of the business firm of Thomas McGraw and co., 1861-1892. The manuscripts of Fraser and Gates appear in vols. 851-853, 855 and 856. The manuscripts of Thomas McGraw and co. are found in vols. 847, 852-854 and 857, and relate to prices, shipments, kind and quality of wool. Vol. 847 contains about sixty-five pages, of letters of Elijah Brush, 1801; vols. 850 and 851 contain deeds on which appears the name of Eleanor L. Campau, 1867-1881; vol. 853 manuscripts of Ellen and Elizabeth and John Gibson; and vol. 857 a few letters of D. Farrand Henry, 1876, relating to the Detroit water works.

8160. Vol. 858.—Mss. of D. Farrand Henry and of Thomas McGraw and co. The correspondence of D. Farrand Henry covers about one hundred and fifty pages and relates to technical details, to problems confronting a water works engineer, to appointments, and the exchange of reports. The rest of the volume contains correspondence and accounts of Thomas McGraw and co., 1861-1865, relative to the wool business.

8161. Vols. 859 to 866.—Mss. of Thomas McGraw and co., 1865-1870. Relate mainly to the wool business.

8162. Vols. 867 to 869.—Mss. of Wilkinson and Post and of Thomas McGraw and co., 1852-1892. The Wilkinson and Post manuscripts are legal and business in character. The manuscripts of Thomas McGraw and co. relate to the wool business. Vol. 868 also contains manuscripts of Fraser and Gates and a large portion of vol. 869 is filled with deeds.

8163. Vol. 870.—Mss. of Rev. Charles Brooks, a resident of Cambridge, Medford and Hingham, Mass., 1791-1870.

8164. Vols. 871 to 872.—Collection of deeds to property arranged alphabetically according to the location of the property. Vol. 871 also contains manuscripts relating to the estate of Ezra French, Rockingham co., N. H., 1788-1814, and vol. 872 a number of wills.

8165. Vols. 873 to 876.—Records of Lenox township, Macomb county, about 1840-1879. Largely tax materials; proceedings of meetings of the township board; reports of school inspectors and highway commissioners; oaths of constables; reports on township elections and directions to road overseers. Vol. 874 also contains papers of Jacob M. Howard, 1844-1856; Samuel Zug, 1855-1860 and James Farrell, 1870-1900. Vol. 876 also contains several pages of manuscripts relating to judicial, Indian and political affairs, 1828-1848.

8166. Vols. 877 to 882.—Mss. of Cornelius J. O'Flynn, 1851-1910. Mainly manuscripts of a legal character, especially papers relating to cases in court.

8167. Vols. 883 to 894.—Mss. of Wilkinson and Post, 1854-1891. Largely manuscripts of a legal character, together with cancelled checks, deeds and other business papers. Vols. 883 and 885 also contain manuscripts of Thomas

McGraw and co. relating to the wool business, and vols. 893 and 894 receipts of Charles L. Ortmann for money paid on school lands in Marquette co. and deeds to tax lands in Ogemaw co.

8168. Vol. 895.—Mss. of Wilkinson and Post, and of Jasper C. Gates, 1894-1895; of D. Farrand Henry, 1869-1872; and of Philip Breitmeyer, 1910. The Wilkinson and Post, and the Gates manuscripts fill about forty-five pages and consist of letters and papers of a legal character. The Henry manuscripts cover seventy-five pages and consist of correspondence relative to the lake survey and engineering problems. The Breitmeyer manuscripts contain correspondence relative to appointments; messages; and recommendations to the city council while Mr. Breitmeyer was mayor of Detroit.

8169. Vols. 896 to 903.—Mss. of Philip Breitmeyer, 1907-1910. Mostly manuscripts while Philip Breitmeyer was mayor and consist of messages to the council; papers relating to meetings and conventions; ordinances; work of city departments; and notices of desertions from the U. S. Navy and descriptive lists of deserters.

8170. Vols. 904 to 905.—Mss. of Clarence M. Burton, 1874-1886. Largely correspondence and papers of a private and business character.

8171. Vols. 906 to 907.—Mss. of Christopher Champlin of Newport, 1766-1790; and mss. of the Town of Dartmouth, 1775-1842.

8172. Vol. 908.—Miscellaneous mss. Volume contains in part manuscripts of the Town of Dartmouth, 1842-1852. The last one hundred pages is miscellaneous in character and includes letters, petitions, etc. to General Haldimand, 1780-1781; histories of the first Sunday School and First Baptist church of Benton Harbor, Mich.; newspaper clippings; and material relating to Joseph Chew and family.

8173. Vols. 909 to 959.—Mss. of Solomon Sibley, 1766-1824. Letters and papers both legal and business in character and contain information on the War of 1812; Territorial politics; Indian affairs; and lands. Vols. 910 to 943 contain a large collection of manuscripts of James O'Hara, contractor, and James Henry, contractor's agent, and papers relating to the James Henry estate, some of the volumes being almost entirely filled with them. These relate chiefly to supplying U. S. troops with provisions.

8174. Vol. 960.—Miscellaneous mss. Relate mainly to matters outside of Michigan.

8175. Vols. 961 to 969.—Mss. of Solomon Sibley, 1805 to about 1837. Letters and papers relating to legal matters, political questions, Indian affairs and lands. Vol. 964 also contains papers of Ebenezer Sproat Sibley, Assistant Quartermaster, U. S. Army, 1839, and vol. 969 manuscripts in 1847 relating to the appraisement of land in Berrien county in behalf of the Michigan central railroad co. and maps of land along the railroad.

8176. Vols. 970 to 971.—Miscellaneous mss. Vol. 970 contains letters of Thomas Palmer, 1830-1842, of a business and legal character; reports of troops, 1813; historical data on Detroit; correspondence of Thomas Rowland, 1820-1827, of a private nature. Vol. 971 contains proceedings of a meeting in 1821 in favor of the election of John McCarty as Territorial delegate in Congress; U. S. land certificates; biographical sketches of J. M. Bulkley, Cyrus Griffin and Henry Barnard; correspondence with Henry R. Schoolcraft, 1836; deeds to property; list of officers of the militia at Detroit, 1788; and Acts of the British Parliament in 1766.

8177. Vols. 972 to 973.—Mss. of William Wadsworth and Wedworth Wadsworth, 1822-1856. Letters written to these men from Monroe, Rochester and other points in Michigan giving the opinion of the writer on the best sections; and information on the price of land; new settlements; internal improvements; Toledo War; panic of 1837; and prospects of the Grand river valley. Vol. 973 also contains maps of Monroe and the City of Columbia on the Grand river.

8178. Vols. 974 to 1006.—Mss. of E. S. Sibley, 1836-1853. Requisitions, returns, receipts, invoices, accounts with receipts of payment attached, lists of persons and property employed, pay rolls, and other papers and correspondence of the office of Assistant Quartermaster, U. S. Army.

8179. Vols. 1007 to 1009.—Mss. relating mainly to affairs in Hingham, Mass., 1764-1887.

8180. Vol. 1010.—Miscellaneous mss., 1777-1814. Manuscripts of Capt. William Kent, 1777-1795, cover fifty-six pages and consist mainly of receipts, promissory notes, accounts with Boston merchants, and some private correspondence. Correspondence of Gen. Green Clay, 1813-1814, fills about one hundred thirty pages and consists mainly of letters written to him relating to appointments of officers and to provisions at Fort Meigs. The volume also contains several reports on the guard and police at Camp Meigs, and a record of the Brady family.

8181. Vols. 1011 to 1035.—Mss. of E. S. Sibley, 1847-1851. Similar in character to those in vols. 974 to 1006.

8182. Vol. 1036.—Miscellaneous mss., 1753-1868. Include letters of Capt. Otho Hamilton and Capt. J. Hamilton from Placentia, Newfoundland, 1753-1760, relative to military matters; of James Miller, 1811-1812, relative to Indian affairs and military matters; of Osmund Tower, 1861-1868, political in character; manuscripts of Benson J. Lossing relative to the career of General Simon Perkins and to military matters; list of prizes captured by private vessels of Salem during the War of 1812; and some correspondence of General A. Butler and of General Lewis Cass.

8183. Vols. 1037 to 1083.—Mss. of E. S. Sibley, 1851-1856. Similar in character to those in the above volumes of manuscripts of E. S. Sibley.

8184. Vol. 1084.—Miscellaneous mss. Include deeds, 1786-1814; correspondence, 1806-1815, mostly relating to military matters; genealogical material on the Hinckley family; copy of the Free Soil song sung at Buffalo in 1848; and printed proceedings of the meeting of the Connecticut Society for the Promotion of Freedom, Sept. 13, 1792.

8185. Vols. 1085 to 1150.—Mss. of E. S. Sibley, 1829-1858. Vols. 1085-1112 and 1131-1150 contain material similar to that in the above volumes of Sibley manuscripts; vols. 1113 to 1129 material relating to Territorial roads; and vols. 1129 and 1130 manuscripts relating to Indian affairs, especially the removal of the Pottawatomis.

8186. Vols. 1151 to 1153.—Mss. of Silas Farmer, 1702-1885. Collection of historical material gathered by Silas Farmer for his writings. It consists chiefly of copies of original manuscripts; extracts from books of travel; from newspapers; and answers to inquiries, and contains a good deal of information on Detroit in the 18th and early 19th centuries; a number of papers on Cadillac, including a copy of his Memoirs taken from French Archives; extracts from the Memoirs of Chevelier de Beauchene in 1733; and a copy of Charelvoix's account of Detroit in 1721.

8187. Vols. 1154 to 1157.—Mss. of John Clark, 1820-1866. Relate to business matters, John Clark being dealer in general merchandise. Vols. 1154 and 1155 also contain papers relating to the estate of Francis Browning.

8188. Vols. 1158 to 1165. Mss. of Luther S. Trowbridge, 1858-1872. Relate to both legal and business matters. Vols. 1158 and 1159 also contain manuscripts of the law firm of Alexander W. Buel and Luther S. Trowbridge.

8189. Vols. 1166 to 1172.—Mss. of William C. Maybury, 1893-1900. Relate to business matters and political affairs, and include accounts, receipts, notices of sale of lands for delinquent taxes and letters from the Standard life and accident insurance co., Detroit, of which Maybury was managing director; Corbin cabinet lock co., New Britain, Conn.; Union casualty and surety co., of St Louis; and correspondence of the Alma mining, milling and smelting co., of which Maybury was president. Vols. 1168 to 1171 contain a good deal of correspondence of a political character during the campaign for election of mayor of Detroit in 1897, and letters from lodges.

8190. Vols. 1173 to 1187.—Mss. of Philip Breitmeyer, 1909-1910. Mainly typewritten letters written to Mr. Breitmeyer while mayor of Detroit and copies of letters written by him. They relate to issuing and revoking of licenses; appointments; provisions of ordinances and of the charter; invitations to address meetings of citizens and organizations; and reports from departmental officers to the mayor. A great deal of information can be gleaned from these manuscripts about the government of the city; and the attitude of the people toward leading questions of municipal government. Problems connected with the Detroit united railway take up considerable space. Vol. 1187 is partly filled with manuscripts of the Detroit motor company which consist chiefly of accounts of this company.

8191. Vols. 1188 to 1191.—Mss. of Clarence M. Burton, 1874-1899. Mostly letters and papers of a business character, data on historical subjects and information of a genealogical nature. In the front of volume 1188 are manuscripts relating to Indian affairs, 1823-1824; list of members of Detroit lodges; deeds; and receipts.

8192. Vols. 1192 to 1194.—Mss. of Robert P. Toms, 1861-1894. Legal and business in character. A considerable portion of these volumes are filled with manuscripts of Nelson H. Wing and relating to his estate.

8193. Vols. 1195 to 1200.—Mss. of D. Farrand Henry, 1873-1885. Chiefly private business papers; and manuscripts relating to various matters connected with the Detroit waterworks, of which D. Farrand Henry was appointed Chief Engineer in 1872.

8194. Vol. 1201.—Miscellaneous mss. from Bridgeton, Maine, 1780-1846.

8195. Vols. 1202 to 1203.—Mss. of Benson John Lossing. Important material consisting mainly of data on the War of 1812, especially the military history and biographical sketches of officers, including correspondence in the fifties and sixties relative to events in the War of 1812; and a copy of Treaty of Peace, December 24, 1814. Also deeds and legal papers.

8196. Vols. 1204 to 1208.—Mss. of Dewitt C. Holbrook, 1856-1900. Relate chiefly to legal and business matters, including considerable material on Port Huron property; inventory of Holbrook's property; list of books; land contracts; deeds; and papers relative to the settlement of the Holbrook estate.

8197. Vols. 1209 to 1211.—Mss. chiefly of Alvah Bradish and Charles C. Trowbrdige, 1831-1899. The Bradish manuscripts consist largely of letters of congratulation, introduction and commendation; and correspondence relative to paintings and the taking of lessons in painting. Many of the Trowbridge manuscripts relate to railroads and to the payment of claims. Vol. 1211 also contains correspondence of Thomas M. Cooley, B. F. Graves, Zachariah Chandler and Herbert Bowen.

8198. Vols. 1212 to 1214.—Mss. of Dewitt C. Holbrook, 1870-1886. Consist largely of accounts, receipts, deeds, stock certificates of mining companies and papers of a legal character. Manuscripts of Fred G. Russell also appear in vols. 1213 and 1214, a considerable portion of which relate to the Holbrook estate and are dated 1889-1900.

8199. Vols. 1215 to 1219.—Miscellaneous mss. The general character of this material is as follows: vol. 1215, largely deeds, wills and receipts, 1816-1895; vol. 1216, manuscripts, 1795-1858, relating mainly to matters outside of Michigan; vol. 1217, correspondence of legal and private character of James V. Campbell, Thomas M. Cooley and Elijah W. Morgan; and letters of Alvah

Bradish relating to paintings; vol. 1218, manuscripts of Elijah W. Morgan, 1829-1845, legal and business in character, and of Alvah Bradish relating to paintings; vol. 1219, largely manuscripts of Alvah Bradish, some of which relate to the publication of Memoirs of Douglass Houghton.

8200. Vols. 1220 to 1276.—Mss. of the Palmer family, 1811-1904. Vol. 1220 contains letters and papers of a business character of Friend and Thomas Palmer; and correspondence of a private, legal and business nature of James Witherell, Mrs. Amy Witherell and Polly Witherell. Vols. 1221 to 1245 consist largely of letters and papers of a business character of Friend and Thomas Palmer, 1816-1847. Beginning with vol. 1248 there are a large number of manuscripts of Thomas W. Palmer. In additon to valuable letters and papers of a business and political character there is a large collection of private correspondence with his father and mother; his sisters Julia and Sara; and his brothers-in-law Henry M. Roby and Henry W. Hubbard. Vols. 1264 to 1273 contain manuscripts of Friend Palmer, 1861-1904, many of which relate to his work in the quartermaster's department and the settlement of civil war claims of the state against the United States. Vols. 1274 to 1276 contain calling cards, invitations, pictures, etc.

8201. Vol. 1277.—Miscellaneous mss. About one hundred pages contain business letters of Nathan W. Brooks, merchant at Detroit, 1837. Most of rest of volume consists of letters to T. B. Howard, Comptroller General of Georgia; four private letters of Rev. George N. Smith, 1833-1857; and copies of two letters from R. Tinckham to his brother, 1831, one giving an account of his trip through southwestern Michigan.

8202. Vols. 1278 to 1279.—Mss. of Messrs. Atwood and company of Philadelphia, 1856-1857. Vol. 1279 also contains manuscripts of Thomas W. Palmer, 1852-1859.

8203. Vols. 1280 to 1283.—Mss., chiefly of George Dennett, Portsmouth, N. H., 1776-1850. Vol. 1283 also contains manuscripts of Lewis Cass, Bela Hubbard and E. B. Ward.

8204. Vols. 1284 to 1299.—Mss. of Luther S. Trowbridge, 1866-1873. Relate mainly to business, legal and political matters and include correspondence with officers of the Collins iron company of Lake Superior and the Silver mining company of Silver Islet, Lake Superior, and information on lands in northern Michigan and coal interest in Missouri.

8205. Vols. 1300 to 1304.—Mss. of Emory Wendell, 1863-1899. Consist largely of accounts; receipts; cancelled bank checks; land contracts; memorandum notes; and correspondence of a business character, part of which relates to the banking business.

B

ACCOUNT BOOKS, DIARIES, LETTER BOOKS, ETC.

Miss G. B. Krum, Librarian in Charge, Burton Historical Collection, furnished the titles for this section.

8206. **Adams, C. S., estate.** Land book. [Detroit] 1853-1873.

Ledger accounts of buyers on contract. (Pencilled notes by S. D. Miller).
Ledger accounts due E. S. Sibley for land bought on contract, 1856-1879. 11 pages near front of vol.

8207. **Aetna base ball association, Detroit.** Record book. [Detroit] 1874-1876.

Records and ledger accounts.

8208. **Albright, Egbert F.** [Reminiscences of Detroit, 1836-1852]. 1914. 10, 4 p.

Given to C. M. Burton, in an interview, July 29, 1914.

8209. **Alexander, Charles Towne.** Letter book. [Detroit] September 18, 1897-June 3, 1898.

8210. **Alexander, Charles Towne and Paddock, Lewis H.** Journal. [Detroit] March. 30, 1900-April. 30, 1902.

8211. **Allegan land company.** Sales books. [n. p.] 1835-1849. 2 v.

Volumes are respectively as follows: 1835-1841 (Memo. of sales.—List of wild lands), and 1835-1849 (Memo. of sales.—List of wild lands.—Lands sold for Boston company.—Taxes paid by Boston company.—Taxes paid by Allegan company).

8212. **Amboy, Lansing and Traverse Bay railroad company.** Freight delivery book. [Lansing] July 27, 1864-January 20, 1865.

Many leaves lacking.
C. C. Trowbridge, receiver.

8213. ———, ——— ——— ——— ——— ——— ———. Journal. Detroit, November 30, 1864-February 28, 1865.

8214. ———, ——— ——— ——— ——— ——— ———. Letter book [receiver's]. Detroit, November 1, 1864-November 20, 1866.

Letter book [private] of C. C. Trowbridge, p. 169 to end of vol.

8215. **Anderson, Ebenezer.** Cash book. [Detroit] August 13, 1869-August 13, 1874.

Ledger accounts (including receiver's receipts and dividends), p. 101-172.

8216. **Askin, Charles.** Diary and memoranda. Strabane, 1841-1858. (In Askin, John. Invoice book, 1798-1799. Last half of volume).

8217. **Askin, Charles and James.** Day book. Strabane, June 24, 1803-December 31, 1804.

8218. ——, ————. Ledgers. [Strabane] 1805-1807. 2 v.

First volume covers 1805-1896 and contains their Sales book at Canborough, Ont., 1813-1815, 6 p. in the center of the volume. The other volume covers 1805-1807. A few accounts in the vol. are balanced in later years. John Askin's account is current to 1811.

8219. Askin, John. Account book. [Detroit] October 6, 1780-February 28, 1782.

Account current with John Askin & co.

8220. ——, ——. Bill book. [Albany, etc.] 1761-1762.

Promissory notes, drafts, receipts, bills of exchange, etc., relating to Mr. Askin's mercantile business in Albany. Some are signed John Askin & co. (i. e. John Askin & James Gordon).

8221. ——, ——. Inventory book. Detroit, January 1, 1787.

Slaves, houses and lands, boats, live stock and grain, implements and tools, furniture, books, mdse. and outstanding accounts.

8222. ——, ——. Invoice book. [Detroit] April 25, 1798-April 10, 1799.

General merchandise and liquors consigned by James and Andrew McGill, Montreal, to John Askin.
Furs consigned by John Askin to J. & A. McGill.
Silver works and liquors consigned by J. & A. McGill to John Anderson & co.
Furs consigned by John Anderson & co. to J. & A. McGill.
Diary of Charles Askin, 1841-1858, in last half of vol.

8223. ——, ——. Journals. Detroit, [etc.] 1780-1804. 10 v.

8224. ——, ——. Ledgers. Detroit [and Strabane] 1783-1814. 15 v.

8225. ——, ——. Letter book. Michilimackinac, April 27-July 7, 1778. 176 p.

8226. ——, ——. Memorandum book. [Detroit] March 30, 1785-December 31, 1786.

Memoranda, June 10, 1789-September 2, 1790. (In his Ledger, 1789-90. 17 p. at end of vol.).
Indexed.

8227. Austin, Fred. G., as trustee in bankruptcy of Cameron Currie & company, complainant vs. Hayden, Charles, et al., defendants. various paging.

Typewritten.
Depositions.

8228. Backus, M. Claim book. [n. p.] March, 1803-April, 1807.

Called "Docket Book."

8229. Baker, Harris W., et al., libellants, vs. Barges "Tycoon" and "Mikado." The Michigan and Ohio ferry company, respondents. 280 p.

Typewritten.

8230. Baldwin & Silsby. Journal. Detroit, September 1, 1836-July 20, 1839. 2 v.

Hardware merchants.

8231. ——— — ———. Ledger [A]. [Detroit] 1835-1839.

8232. **Bank of Michigan.** Letter book. Detroit, January 11-July 7, 1837.

[C. C. Trowbridge, president].
Henry K. Sanger, cashier.
Thos. J. Hulbert, ass't cashier.

8233. **Barnes, L. S. L.** Memorandum book. [n. p., n. d.].

A few entries only, and these are remedies for specific ailments.

8234. **Barstow & Lockwood.** Cash book. Detroit, October 2, 1847-September 20, 1854.

8235. ——— — ———. Letter books. [Detroit] February 24, 1840-August 8, 1849. 3 v.

8236. **Barthe, Jean Baptiste, & co.** Ledger. Sault Ste. Marie, 1775-1779.

Debits are for equipments of men engaged to trade for the company, the value to be returned in peltries.

Credits are the year's wage of the "engagé" to be paid in money.

French text

8237. ——, —— ——, — —. Sales book. Sault Ste. Marie, September 4, 1774-June 1, 1779.

"Journale des chose que je vens au savage et leur done [dons]" Fly-leaf.

The 'things he sold' were chiefly rum and tobacco, taking peltries in payment.

Several pages at the end of the volume are used for the accounts of St. Anne's church, Detroit, 1806-1807, in the handwriting of Etienne Dubois.

French text.

8238. **Batchewanung land and mining company.** Certificate stub-book. Detroit, November 18, 1864-December 13, 1881.

8239. ——— —— —— ——— ———. Record book. Detroit, November 16, 1864-October 28, 1872.

8240. **Beaubien, Jean Baptiste.** Ledgers. Detroit, 1766-1810. 2 v.

8241. **Begole, Josiah W.** [Manuscripts]. December 1, 1882-June 18, 1883.

Contents.—Five letters of J. W. Begole to railroad officials soliciting mileage books, and in acknowledgement of same and of annual pass.—Porter, H. C. Letter (copy) to J. W. Begole mentioning inclosure of mileage book for use over the Flint and Pere Marquette railroad.—Meddaugh, E. W. Letter to S. R. Callaway, gen. manager of Chicago and Grand Trunk railway co., suggesting that a pass be granted rather than a mileage book. Two excerpts from the Detroit post and tribune with facsimiles of Gov. Begole's letters.

8242. **Berrien county.** [Papers relating to the transfer of land in Berrien, Ionia and Ottawa counties, Mich., 1835-1837].

29 pieces.

Include account against the "Proprietors of Port Sheldon" by their agents, Edward P. Deacon and Alex. H. Jaudon, December, 1836.

8243. **Bissell, Mary E.** Diaries. Detroit, February 5, 1862-January 7, 1864. 3 v.

Diaries of a schoolgirl who is attending the Detroit female seminary, 42 Fort st., as a day pupil. Social, family and church notes give interest to this daily exposition of Detroit doings.

8244. **Blesch, August F.** Contract house with Otto H. Schneider & co. [Detroit] August 19, 1908-April 17, 1912.

Exhibit re Mechanics' liens suits.

George L. Canfield, attorney for defendant.

8245. Brady & co. Bank books. Detroit River savings bank. Detroit, June 15, 1898-October 30, 1901. 2 v.

Brady (Preston Brady) & co. dealers in building and mining supplies.

8246. ——— — —. Check stub-books. Detroit River savings bank. Detroit, November 25, 1899-September 16, 1902. 3 v.

8247. ——— — —. Index book. [Detroit, 1900?].

Ledger index. "Ex. 14."

8248. ——— — —. Journal. [Detroit, February, 1900-November, 1902].

8249. ——— — —. Letter book. Detroit, June 26, 1901-June 3, 1902.

8250. ——— — —. Sales book. [Detroit] October 27, 1900-March 24, 1903.

8251. British museum. French-Indian war. Additional manuscript 15874, [p. 208-312b]. 88 p.

Copy made for C. M. Burton, London, 1907.

Contents.—Narrative of what passed on the River Ohio, 1753.—General state of the points now depending between Great Britain and France, 1754.—State of the actual possessions of Great Britain in N. A. at the Treaty of Utrecht, 1713.—[Letters, memoirs, and projects for preliminary agreement between the ambassadors and ministers] 1755.

8252. Browning, Francis P. Cash book. Detroit, May 27, 1830-August 16, 1833.

Opened for cash entries, but has many memoranda and other entries transferred to Day book or "bill".

8253. ———, ——— —. Day books. Detroit, July 13, 1825-August 14, 1834. 6 v.

8254. ———, ——— —. Journals. Detroit, October 4, 1824-February 16, 1835. 5 v.

8255. ———, ——— —. Ledgers. [Detroit] 1825-1834. 2 v.

8256. Buck, Amos. Cash book. [Denmark, Mich., 1845-1846]. not paged.—Ledger. [Flat Rock, Mich., 1849-1852]. 53 p.

Business at Denmark not identified from entries. Engaged with A. J. Peck, of Flat Rock, as clerk in store, January 11, 1849, and ledger entries refer to old store accounts and to present expenses.

8257. Burnham, James K., et al vs. Interstate casualty company of New York, garnishee defendant; Eva Winans, principal defendant, [et al]. In the Circuit court of the county of Wayne. Before Judge Carpenter and jury, June 28, 1897. 160 p.

Typewritten copy.

8258. Burton, Clarence Monroe. [Chronological notes on United States history].

An index to historical events compiled chiefly from the Michigan pioneer and historical society's Collections and Canada archives' Reports (A & B).

8259. ———, ——— ———. [Court and other records copied from original files] 1819-1849. [Detroit, 1910-1911]. 88,206 p.

Typewritten. Indexed.
Binder's title: Court journal, city hall attic.

8260. ———, ——— ———. Detroit, 1814-1860. [Detroit, 1907-1908]. 119-360 p.

Typewritten. Indexed.
Binder's title.
Sources for this compilation are the various Detroit newspapers, 1833-1860; County clerk's office files, books A-C. 1823-1847; Chancery court files; Supreme court records, 1814-1822.

8261. ———, ——— ———. [Detroit in 1825-27, as compiled from the] Michigan herald, v. 1, no. 1, May 10, 1825-May 2, 1827. [Detroit, n. d.]. not paged.

One entry, April 10, 1828.
Binder's title: Michigan herald, 1825-1828.
Copy 2. Typewritten. Indexed. 48, 229 p.
Binder's title: Michigan herald, 1825-27.

8262. ———, ——— ———. [Detroit in 1833-1835, as compiled from the] Detroit courier, April 3, 1833-January 14, 1835. [Detroit, n. d.]. 213, 128 p.

Typewritten. Indexed.
Binder's title: Detroit courier, 1833-1834.

8263. ———, ——— ———. [Detroit in 1835-37, as compiled from the] Free press, September 28, 1835-January 3, 1837. [Detroit] September 25, 1911. 254 p.

Copy 2. Typewritten. 309 p.
Binder's title: Free press, 1835-1837.
Index to Free press, 1835-1837. 149 p.
Typewritten.

8264. ———, ——— ———. Detroit in 1836. [n. d.]. 15 p.

Typewritten.
A paper dealing with this period in the city's history as it concerns streets, cemeteries, water works, schools, finances and prosperity, and obituary notices.

8265. ———, ——— ———. [Detroit in 1842-43, as compiled from the] Daily advertiser, January 5, 1842-August 26, 1843. [Detroit, n. d.]. 266, 130 p.

Typewritten. Indexed.
Binder's title: Daily advertiser, 1842-43.

8266. ———, ——— ———. [Detroit in 1843-45, as compiled from the] Democratic free press, January 4, 1843-May 27, 1845. [Detroit, n. d.]. [169] p.

Binder's title: Free press, 1843-4-5.
Copy 2. Typewritten. Indexed. 243 p.

8267. ———, ——— ———. [Detroit in 1844-45, as compiled from the Democratic] free press, June 21, 1844-May 27, 1845. [Detroit, n. d.]. 128, 60 p.

Typewritten. Indexed.
Binder's title: Free press, 1844-45.

8268. ———, ——— ———. [Detroit in 1849, as compiled from the] Daily advertiser, January 1-December 31, 1849. [Detroit, n. d.]. not paged.

Binder's title: Daily advertiser, 1849.
Copy 2. Typewritten. Indexed. 321, 115 p.

8269. ———, ——— ———. [Detroit in 1850-1854, as compiled from the] Free press, January 9, 1850-November 22 1851, and the Daily advertiser, January 9, 1851-July 17, 1854. [Detroit, n. d.]. not paged.

Binder's title: Detroit, 1850-1854.

8270. ———, ——— ———. [Detroit in 1900]. [Detroit, 1900]. 11 p.

Typewritten.
Written for the new edition of the Encyclopaedia Britannica, as published by the London times in 1900.

8271. ———, ——— ———. Diary of Detroit [as extracted from the current numbers of Detroit newspapers, July 25, 1817-January 3, 1837]. 5 v.

Typewritten.
With this are: Randall, Robert. Trial of Robert Randall and Charles Whitney for breach of privileges of the House of representatives, v. 5, p. 138-205.—Papers relating to the early history of Michigan university, v. 5, 207-261.—Edwards papers, v. 3, p. 619-650; v. 5, p. 262-264.

8272. ———, ——— ———. A journal [record] of my trip in 1904 [Lake Nipissing and French River]. [41] p., genealogical table, map, 40 photos.

Typewritten copy also.

8273. ———, ——— ———. The Protestant orphan asylum of Detroit [1821-1910]. [Detroit, 1910?]. 23 p.

Typewritten.
This institution was organized in 1821 under the name "The female benevolent society of the city of Detroit."

8274. ———, ——— ———. Shandean club [a sketch] and biographical notes of members. [Detroit, n. d.].

Ms. and typewritten copies.
With this are: Minutes of meetings of the Shandean club, March 23 and July 11, 1844.

8275. Buxton, Mrs. Jane E. Bank book. The Preston national bank of Detroit. [Detroit] August 16, 1900-January 31, 1901.

8276. Cadillac, Antoine de La Mothe. [Contract between Cadillac, Jacques Arrivé called Delisle, and Joseph Gaulvier, debtors, and François Hazeur, creditor, for the payment of 3158 livres, 1 sol, 5 deniers, for trade merchandise]. Ville Marie [Montreal] September 17, 1694.

8277. ———, ——— — — ——. [Order to Sieur D'Argenteuil to report to Comte de Frontenac at Montreal on affairs at Michilimackinac]. October 2, 1695.

8278. Cadillac manuscripts. Archives judiciaries du district de Québec. Papiers trouvés dans une liasse marquée: Grandmesnil. [5 juillet, 1707-1730?]. 48 p.

Sales of land, contracts of marriage, etc. Signed, Grandmesnil, secretary [of Sieur Cadillac].

Inventory of Cadillac's property in Detroit, August 25, 1711. Signed, Cherubin Deniau, priest. p. 36-47.

Bound with these are: Cadillac papers. Records relating to Cadillac, 1697-1709, at Quebec and Montreal. Signed, Chambalon.

8279. ——— ————. [Records from the French archives relating to Canada, 1669-1730]. 12 v.

Paged continuously.

Manuscript copies made in Paris for C. M. Burton.

English translation made in London for C. M. Burton by Brown & Stevens. 12 v.

8280. ——— ————. [Records relating to Cadillac at Quebec and Montreal, 1697-1709]. 28 p. (With their Archives judiciaries. [1707-1730?]. End of vol.).

Judgments, procurations, etc. Signed, Chambalon, [notary] at Quebec, Adhémar, [notary] at Montreal.

8281. Campbell, James Valentine. [Manuscripts]. 254 p.

Typewritten copies made for C. M. Burton from manuscripts and papers, the property of Judge Campbell.

Contents.—(By Judge Campbell) Local sketches—Detroit, p. 4-23.—Church beginnings in Michigan, p. 25-45.—Early French settlements and settlers about Detroit, p. 46-79.—Moravians in Michigan, p. 86-99.—The small perils of history, p. 100-113.—Land titles in Michigan, p. 143-174.—[Bloody Run and vicinity], p. 175-182.—Plan to buy Michigan, 1795, p. 183-187.—Corruption of names, p. 204.—Notes on Detroit places and incidents, p. 217-226.

The age of steam, by Henry Whiting, 1830, p. 127-139.

My vineyard in sun and breeze, by D. Bethune Duffield, 1866, p. 140-142.

(Copies of documents):

Plan of Detroit in 1749, 1754, p. 1-3.—Memorial to Pres. Madison from citizens of Detroit concerning the administration of Gov. Hull [1809], p. 80-85.—Observations on the petitions to Congress of the inhabitants of the counties of Mackinaw, Brown and Crawford, 1821, p. 114-126.—Letter of Gov. Hull to Judge Woodward for information as to taking oath of office, 1808, p. 188.—Letter of C. C. Trowbridge to Judge Campbell on the character of Jefferson Davis, as reported to him by Gov. Doty, 1876, p. 189.—Public meeting of citizens of Detroit in regard to the imprisonment of John P. Sheldon for contempt of Supreme court, 1829, p. 191-194.—English translation, by C. C. Trowbridge, of letter of John R. Williams to Gabriel Richard [1823] and Memorandum by C. C. T. that the letter was posted as a "Handbill" in a few towns where votes were expected, p. 195-202.—Commission to James May as Adjutant general by Gov. Hull, 1805, p. 203.—Letter of R. F. Cadle to Gov. Porter containing charges against Lewis Grignon, 1834.—Summons to Jacob Visger as judge of the court of common pleas to attend contested election of Geo. McDougall, Oct. 23, 1800.—Gabriel Richard to C. C. Trowbridge on the death of Vincent Dupont, Aug. 28, 1832.—Letter of Judge Griffin to Judge Woodward at Washington, Dec. 1, 1808, p. 212-213.—Letter of acceptance of Wm. Woodbridge to the dinner given by members of the bar and officers of the supreme court, Feb. 2, 1832, p. 214.—Promissory note of Michigan grand lodge to the Bank of Michigan for $125, Apr. 3, 1827, and note by C. C. Trowbridge concerning payment, p. 215.—Recommendation that the Bank of Michigan loan $2500 to meet the expenses of the convention at Ann Arbor, Dec. 12, 1836. (4 signatures), p. 215.—Papers relating to the proceedings of the canvassers at the election of 1825, p. 226-242.—Statistics of Ste. Anne's church, 1700-1800, p. 243.—Call for a public meeting by the citizens of Detroit to demand protection from British officer, Jan. 27, 1813, p. 244.—Extract of Wayne co. records relating to subjects of Great Britain in the U. S., 1797, p. 245-247.—List of votes for S. Sibley in 1798, p. 248-254.

8282. Canada. Archives. [Records relating to the history of Detroit, 1760-1797]. 332 p. fold. plans.

Manuscript copies, made in Ottawa by Douglass Brymner, archivist, for C. M. Burton.

Index for series (Haldimand papers) and page, in pocket at end of vol.

8283. ———. **Custom house, Collingwood, Ont.** Report outwards of the cargo of the steamer Lady Elgin, Collingwood to Mackinac, October 20, 1855.

8284. Canfield, George Lewis. [Admiralty notes]. [n. d.].

8285. ———, ——— ———. Case books (law). [Detroit] 1887-1909. 9 v.

8286. ———, ——— ———. Check stub-book. American exchange national bank. Detroit, August 11, 1893-October 30, 1894.

8287. ———, ——— ———. Diaries [professional]. [Detroit] 1904-1908. 3 v.

8288. Case, William. Journal. Upper Canada, April 6, 1808-August 26, 1809. 44 p.

Typewritten copy made for C. M. Burton from the original in the possession of the Case family.

The journal of a Methodist itinerant minister while traveling the Ancaster and Detroit circuits. The latter was on the Canadian side of the river and a society was formed at or near Malden with 14 members, "the first and only Methodist society in 200 miles." p. 35.

A few later entries, undated for year, are by Mrs. Case, p. 42.

"Catalogue of letters sent . . . " 1808-1811, p. 43-44.

8289. Cass, Lewis. To Hon. J. C. Calhoun. [Washington]. Facsim. 1 p.

Recommendation of Henry and ——— Baker, sons of Major Baker, for the U. S. Military academy; also ——— Newberry, of New York, now living at Detroit.

8290. ——, ——. [Manuscripts]. 1799-1863.

Contents.—Seven letters. 1819-1863.—Two proclamations for organization of Oakland and St. Clair counties, 1820.—Two speeches on the Oregon question, 1846.—Thirty-two letters to Cass, 1816-1831.—Five miscellaneous letters, 1799-1825.—Deed and plat of land at Frenchtown [Monroe] from Jonathan Kearsley to Lewis Cass, May 23, 1845.—U. S. Army orders, Detroit, May 24, 1824, by John R. Williams.—Inventory of Cass papers.—Ledyard collection.—Deed of lot in Elmwood cemetery to Henry Ledyard, January 6, 1849.

8291. Celoron [Celeron], Pierre Joseph. [Journal of an expedition to the Ohio in 1749]. 58 p.

Typewritten copy of an English translation by Edmond De Hennetot. (Printed in Catholic historical researches, v. 2, 1885).

The Journal is a daily record of the route followed and the incidents connected with the object of the expedition—to take possession of the country in the name of Louis XV. The original document is preserved at Paris, in the archives of the Department of Marine.

8292. Chapin, James Henry. [Autographs] dedicated to Alpha delta phi. James H. Chapin, [University of Michigan, class of 1868].

Many names are of the Michigan University fraternity.

8293. Cheeseborough, Mrs. Alice T. Index book. Detroit, 1880

Index [illegible].

Inventory of personal property at 1069 Woodward Ave, Detrcit. p. 68-100.

8294. ———, —. ——— —. Journal. Detroit, 1881.

Rent accounts.

8295. ———, —. ——— —. Ledger. Detroit, 1881.

Rent accounts.

8296. Cicotte, Edward V. Reminiscences, taken stenographically by Herschel Whittaker. Detroit, 1891. 46 p.

Typewritten.

8297. City of Toledo (steamer). Ledger (crew). [n. p.] September 30, 1865-November 30, 1870.

Wm. A. Moore, part owner.
Selah Dustin, master.
Seasons of 1865, 1869-1870, with balance sheets only for April-May, 1866.

8298. Clark, John. Account with Alpheus Earl, June 1, 1844-January 1, 1866. (In Browning, F. P. Ledger. 1831-1834, p. 109, 193).

8299. Connor, Leartus. Camera notes on Muskegon and Milwaukee, made . . . while attending medical conventions during the regular sessions of May and June, 1893. Detroit, 1893.

Mounted photographs and notes.

8300. Cooper, David. Note-book. Detroit, 1801. (In Henry, James. Beef journal. 1810. 20 p. first part of vol.).

8301. Copper Creek mining company. Receipt stub-book [for call payments on subscription]. Detroit, November 21, 1892-November 19, 1894.

8302. Copway, George. Pa-mah-duk ke-ne-bood (Life and death). New York, December 24, 1850.

Original poem, in Indian, with English translation.

8303. Crittenden, Rebecca L. Old age pensions. Detroit, 1915. 12 p.

Typewritten.

8304. Detroit. Christ Church. Pew record. [Detroit] March 31, 1898-October 8, 1902.

Records for last payment are of irregular dates.

8305. ———. Citizens. [Petition to the common council that the application of the Gas light company for an increase of its capital stock be granted]. Detroit, January 17, 1855. 4 p.

8306. ———. ———. [Report of] meeting, July 7, 1891, to express condemnation of the action of the common council in granting to the Detroit city railway company an extension of the time for which their franchise shall run. 51 p.

Typewritten.

8307. ———. Citizens educational committee. [Correspondence and printed material in reference to the proposed legislation for the government of the Detroit schools]. 1899.

Contents.—Provisions of bill. (2 copies).—Abstract of bill.—Addresses and circular letter to the citizens of Detroit.—Memorial to the governor and legislature of Michigan by citizens of Detroit. (2 copies).—Resolutions of the Detroit manufacturers club and the Merchants & manufacturers exchange.—Letter of D. E. Heineman concerning the introduction of the bill in the house.—Letters of prominent educators of the U. S. in analysis of this or similar legislation.—Address of Emerson E. White before the N. E. A., February 22, 1899, "Authority of the school superintendent."—Legislative material of other states on education.—Proposed bill for a board of education in Grand Rapids, Mich., 1871.

8308. ———. Colonial records of Detroit, October 22, 1754-May 21, 1800. 4 v.

8309. ———. **Commandant.** Commission to Joseph Pouget as a lieutenant of the Detroit militia. Detroit, August 26, 1782.

8310. ———. —————. Commission as justice of the peace for the district of Detroit to Thomas Williams. [Detroit] May 1, 1779.

Photographic copy.

8311. ———. **Common council.** Index to proceedings of the common council, 1815-1892. Compiled by C. M. Burton. [Detroit, n. d.]. 430 p.

Typewritten.

8312. ———. ——— ———. Special committee on ways and means. Report of the special committee on the ways and means of the city to pay its interest, December 28, 1841. 2 p.

8313. ———. **Congress street Methodist Episcopal church. Trustees.** Deed of "Slip No. Seventeen" to William Phelps for twenty years from July 24, 1846, for $100. [Detroit] January 20, 1848. (With Phelps, Samuel. Journal . . . 1859).

8314. ———. **Electric railway company.** Record book. Detroit, May 18, 1886-March 29, 1889.

8315. ———. **Elmwood cemetery.** Register of interments, February, 1862-August, 1874.

8316. ———. **Fire and marine insurance company.** Insurance book (marine). 1894.

8317. ———. **First Presbyterian church.** Records. [Detroit] 1834-1868. 61, 16 p.

Typewritten copy. Contains marriage records, records of conversions, funerals, etc.

8318. ———. **Mercantile society.** [Papers relating to the erection of a chamber of commerce]. Detroit, 1827-1828.

8319. ———. **National bank.** Signature book. [Detroit] 1883-1894.

8320. ———. **Plumbers' supply company.** Certificate stub-book. [Detroit] December 27, 1890-March 6, 1891.

8321. ———. ——— ——— ———. Check stub-books. [Detroit] July 18, 1890-September 6, 1892. 4 v.

8322. ———. ——— ——— ———. Contract book. [Detroit] 1890.

8323. ———. ——— ——— ———. Day books. [Detroit] December 8, 1890-July 31, 1891. 2 v.

8324. ———. ——— ——— ———. Order book. [Detroit] February 7-June 3, 1890.

8325. ———. ——— ——— ———. Record book. Detroit, July 3, 1890-August 22, 1892.

8326. ———. ——— ——— ———. Work book. [Detroit] February 8-July 30, 1891.

8327. ———. **Ste. Anne's church.** Accounts, kept by Etienne Dubois, 1806-1807. (In Barthe, J. B., & co. Sales book, 1775-1779. End of vol.).

8328. ———. —. ——— ———. Registre de Sainte Anne, Detroit, February 2, 1704-December 30, 1848. [Detroit, 1894?]. 5 v. in 7.

Contents.—Baptisms, marriages and burials.

8329. ———. —. ——— ———. Some substitutes for the lost records, April 12, 1779-September 19, 1782. [Detroit] 1898. 13 p.

Typewritten.
These records were lost from the archives of Ste. Anne's church, and were collected, verified and authenticated by Rev. Christian Denissen from the "Dictionnaire généalogique des familles canadiennes, par l'Abbe Tanguay.

8330. ———. —. ——— ———. **Exterior parishes.** Registre des paroisses exterieures, 1810-1833. [Detroit, 1894?]. 249 p.

Manuscript copy, with marginal paging of original volumes.
These registers include the parishes of L'Anse Creuse; L'Arbre Croche; Aux pieds des rapids [Foot of the rapids]; Baie Verte [Green Bay]; Chapelle du Nord est; Galena; L'Isle Drummond; Mackinac; Prairie du Chien; Rivière aux Hurons [Clinton River]; Rivière St. Clair; Salt River; and Sault Ste. Marie.
Ibid. Index. With this is Detroit. Ste. Anne's church. Trustees. Index registre.

8331. ———. —. ——— ———. **Trustees.** Livre des assemblées de la paroisse Ste. Anne, August 5, 1796-August 26, 1887. [Detroit, 1894?]. 208 p.

Manuscript copy, with marginal paging of the original volume.

8332. ———. **St. Paul's Protestant Episcopal church.** Records of St. Paul's church. Detroit, 1824-1908. 918 p.

Contents.—Baptisms, December 5, 1824-April 14, 1906.—Confirmations, August 12, 1827-April 12, 1908.—Marriages, August 18, 1824-June 29, 1904.—Burials, August 20, 1824-July 29, 1904.—Communicants, 1824-1904.

8333. ———. **Savings bank.** Bank statements. Detroit, March 31, 1884-February 21, 1888.

8334. ———. ——— ———, complainant, vs. Emily L. Truesdail, Wesley Truesdail, Sidney D. Miller, Buckminster Wight and Mandeville Poole, defendants. 135 p.

Petition for rehearing, with affidavits and papers.
Copy. Indexed.

8335. ———. ——— ———, ———, vs. Wesley Truesdail, et al, defendants.

Bill of complaint; John H. Bissell, solicitor for complainant.

8336. ———. **Tennis club.** Bank books. Detroit, May 11, 1885-January 1, 1887. 2 v.

May 11-July 3, 1885. (American national bank).
July 6, 1885-Jan. 1, 1887. (American exchange national bank).

8337. ———. **Woodmere cemetery. Jewish section.** Record of congregation lots of Temple Beth El, 1865-1913.

8338. Detroit and Erin plank road company. Journals. [Detroit] January 1, 1853-June 16, 1876. 2 v.

One volume covers January 1, 1853-June 30, 1865. (Erin and Mount Clemens plank road company. 3 p. at end of vol.—[Decision of referees re toll gate within Detroit city limits]. Newspaper clipping appended front of vol.).

The other volume covers August 10, 1865-June 16, 1876. (Letter from A. N. Munger on the condition of the road. 1870. Appended front of vol.).

Also Annual reports and half-yearly dividend payments with signatures of stockholders.

8339. Detroit and Howell plank road company. Journal. [Detroit] January 1, 1853-December 15, 1876. 2 v.

Also Annual reports to directors and half-yearly dividend payments with signatures of stockholders.

8340. ——— — ——— — ——— ———. Toll book. [Detroit] July 21, 1849-January 13, 1883.

A weekly statement of tolls from each gate.
Lansing and Howell plank road company, p. 18-125, 205-215.
Detroit and Erin plank road company, p. 127-197.
Erin and Mt. Clemens plank road company, p. 200-204, 220-226.
C. C. Trowbridge, treasurer.

8341. ——— — ——— — ——— ———. Transfer book. Detroit, April 30, 1849-January 22, 1883.

8342. Detroit and Lake St. Clair plank road company. Cash book. Detroit, June 27, 1859-August 15, 1865.

8343. Detroit and Milwaukee railroad company. Cash book. [n. p.] September 12-November 12, 1866.

Traffic receipts.

8344. ——— — ——— ——— ———. Diary of C. C. Trowbridge, receiver. [Detroit] April 10, 1875-February 18, 1887.

Appended are: Northern Pacific railroad [newspaper clippings].—The panic at Montreal [newspaper clipping re Sir Hugh Allan].

8345. ——— — ——— ——— ———. Letter book [receiver's]. Detroit, February 10, 1877-October 14, 1878.

C. C. Trowbridge, receiver.

8346. Doran, William T. A brief sketch of the University of Detroit. [Detroit, 1917]. 16 p.

Typewritten.

8347. Doty, Ellis. Memorandum book, 1816-1834.

Contents (in order of entry).—School-house accounts (Canandaigua?), 1816.—Fees received for acknowledgements (Detroit), 1828-1832.—Ledger accounts (Canandaigua?), 1816-1817.—Docket of E. Doty as justice of the peace, Chatauqua co., N. Y., 1818-1821.—Ledger account with the Detroit common council, 1828.—Tabulated list of demand notes, 1820-1833.—Tabulated list of judgments on dockets of Abbott, Chipman, Rowland and Witherell, 1832-1834.—Deeds, 1832-1833.—Account with Mrs. Hanks, 1828.—Fees on docket of Abbott, Rowland and Witherell (undated, entered by number and names of parties).

Appended: Advertisements of sale at "Doty's auction room," Detroit, 1844-1845, p. 135.

8348. Draper mss.

Seven photostat copies made for C. M. Burton from the Draper manuscripts of the Wisconsin state historical society.

8349. Duffield, Bethune. Check stub-book. State savings bank. Detroit, December 5, 1889-May 26, 1890.

8350. ———, ———. Check stub-books. Detroit, March 25-December 26, 1891. 2 v.

8351. ———, ———. Ibid. Detroit, May 24, 1892-January 23, 1893. 2 v.

8352. ———, ———. Diaries [professional]. Detroit, 1886-1894. 9 v.

8353. ———, ———. Letter book. Detroit, August 25, 1891-August 15, 1893.

8354. Duffield, Divie Bethune. Bank books. American national bank & American exchange national bank. Detroit, January 2, 1883-March 11, 1891. 4 v.

8355. ———, ——— ———. Claim book. Detroit, February 27, 1858-April 20, 1864.

8356. ———, ——— ———. Daily journals. Detroit, 1866, 1878. 2 v.

8357. ———, ——— ———. Day books. Detroit, January 16, 1856-April 28, 1887. 5 v.

8358. ———, ——— ———. Diaries [professional]. Detroit, 1876-1891. 14 v.

8359. ———, ——— ———. Journals. Detroit, January, 1858-December, 1868. 3 v.

8360. ———, ——— ———. Ledger. Detroit, 1866-1880.

Opened as a cash book for Lothrop & Duffield, January-May, 1854, [7] p., and continued as a ledger.

8361. ———, ——— ———. Letter books. Detroit, March 8, 1876-November 14, 1885. 4 v.

8362. ———, ——— ———. Letters to, 1879 and 1881. 2 v.

Alphabetical file.

8363. ———, ——— ———. Letters to.

Three boxes of loose letters.

8364. ———, ——— ———. Memoranda note books. Detroit, 1842-1882. 4 v.

Volumes contain material respectively as follows: 1842-1844, Lecture notes.—Notes on Rollin's Ancient history, v. 1.—Newspaper clippings of Michigan statute laws, 1844.
1879-1880, Mineral point tunnel co.—Detroit real estate.
1880, Detroit real estate.—Legal note re stolen property.
1882, Travel and biographical notes.

8365. ———, — ———. Notes of testimony in court cases, 1886.

8366. **Duffield, D. B. & Duffield, H. M.** Claim books. Detroit, June 2, 1865-April 2, 1878. 4 v.

8367. ———, —. —. — ———, —. —. Journals. Detroit, June, 1865-November 24, 1874. 3 v.

8368. ———, —. —. — ———, —. —. Ledgers. Detroit, 1865-1876. 2 v.

8369. ———, —. —. — ———, —. —. Letter books. Detroit, January 4, 1860-June 22, 1876. 7 v.

8370. **Duffield, George.** Bank book. Peninsular bank. Detroit, November 1, 1855-October 21, 1857.

8371. **Duffield & Duffield.** Bank book. American exchange national bank. Detroit, October 19, 1889-December 31, 1892.

8372. ——— — ———. Check stub-books. Detroit, December 13, 1886-August 3, 1892. 2 v.

8373. ——— — ———. Journal. [Detroit] August 1, 1889-September 30, 1892.

8374. ——— — ———. Letter books. Detroit, May 29, 1885-July 30, 1889. 2 v.

8375. **Duffield mss.** Address book.

8376. ——— ——. Catalogue of law books.

8377. ——— ——. Ledger. [n. p.] 1864-1865.

8378. ——— ——. Ledger. [n. p.] 1864-1868.

8379. **Dumont, Brig.-gen. Ebenezer.** Official report of the Battle of Lebanon, Tenessee, May 5, 1862. Nashville, 1862.

Copied from the Louisville journal of May 31, 1862.
Frequent mention is made of Colonel Duffield, and his "valuable aid" receives special commendation.

8380. **Dunham, L.** The Superior court of Grand Rapids. Grand Rapids [1917]. 5 p.

Typewritten.

8381. **Dwight, Alfred A.** Township plats in Huron, Sanilac, Lapeer & St. Clair counties, Michigan, 1853. 65 p. fold. map.

8382. **Elliott Richard Robert.** Comments on the memoir "endorsed 19 [14] November 1704," 1893.

The memoir referred to is "14 Nove 1704 Mémoire de Mr. La Mothe Cadillac touchant l'établissement du Détroit de Québec" and was not included in Margry's Memoires et documents, but is among his papers on file in the Bibliotheque nationale and copied by Theodore Beauchesne.

8383. ———, ——— ———. Immigration register of passage to and from Europe. Detroit, 1851-1869.

8384. ———, ——— ———. Immigration register of foreign exchange-drafts and orders on Europe. Detroit, February 17, 1879-April 6, 1891.

8385. ———, ——— ———. Journal. Detroit, 1862-1866. 397 p.

Elliott's cloth house, successors to Eagle & Elliott.

8386. ———, ——— ———. Letter books, 1848-1880. 12 v.

Letters relate chiefly to immigration and to clothing business.

8387. [Elsworth, Ralph H.]. Manuscript notes, newspaper files, and clippings relating to the publication, ownership and name of the newspapers of Ludington and Scottsville, Mason co., Mich., 1890-1914.

This material represents an outline history of journalism in Mason co., during the period indicated.

8388. ———, ——— —. Wayside notes, Mason county, 1898-1899, 1902-1903.

A scrapbook of writings by R. H. Elsworth, representative of the Record-appeal, Ludington, Mich.

8389. Emmons, A. & H. H. Letter books. Detroit, February 18, 1839-October 31, 1843. 3 v.

8390. Emmons, Halmor Hull. Journal. [Detroit] May 9, 1843-May 8, 1857.

8391. ———, ——— ——. Letter books. Detroit, November 4, 1843-January 27, 1869. 10 v.

After 1855 correspondence relates mainly to railroad matters.

8392. Emmons & Jones. Daily journal. Detroit, 1855.

8393. The Evangelical observer. Ledger. Detroit, 1844-1846.

8394. [Farmer, Silas]. [Biographical data for his history of Detroit and Michigan].

Seventeen biographies, having attached index slips for paging which agree with the index for corresponding names in v. 1 of the history.

8395. Farnsworth, Benjamin Stow. Memorandum book. [Detroit] 1861-1890.

Contents.—Sales book and journal entries, boot and shoe business, 1861, 1865-1867, p. 1-54.—Small accounts, 1873-1881, p. 55-66.—Inventory notes, 1877-1890, p. 73-79, 209-234.—Index of scrapbook, 14 vols., p. 86-115.

8396. ————, ——— ——. Scrapbooks. 1855-1889. 14 v.

Clippings from Detroit, Boston, New York and Chicago papers. Historical information is in chronological order throughout the volumes.
Indexed.
Farnsworth family notes in ms, v. 8, 1876-1881, p. 90-95.

8397. Fletcher, Joseph. Plat of a tract of land containing 9056.40 acres back of the private claims near Detroit. (Original plat dated June 2d, 1816).

8398. **[Foster, James].** The capitulation; or, a history of the expedition conducted by William Hull, brigadier-general of the Northwestern army. By an Ohio volunteer. Chillicothe, ptd. by James Barnes, 1812. 78, [2] p.

Photostat copy made for C. M. Burton.
Title page shows signature, T. Worthington.

8399. **Fraser, A. D., estate.** Executors' account book. Detroit, 1877-1883.

Accounts, claims, memoranda of inventory, attorney's services. Kept by William Jennison, executor and attorney.

8400. **Fraser & Gates.** Letter books. Detroit, December 15, 1885-April 30, 1891. 3 v.

8401. **Frink, Mrs. Bellona Pratt.** Reminiscences, 1839-1904. 59 p.

Typewritten copy.
Includes copies of newspaper articles relating to family or town history of Marshall, Mich., to 1906.

8402. **Frue, Mrs. Helen L.** Investment books. [Detroit] October, 1884-February 1, 1893. 4 v.

8403. **Gerrish, Jacob.** Journal, Jan. 1, 1837-September 12, 1850. New Buffalo, Mich., & Michigan City, Ind. 596 p.

Typewritten carbon copy.

8404. **Gibbons, Robert.** Addresses and letters as prepared for delivery or for the press, 1903-[1906]?

Contents.—Address as president of the Michigan improved live stock breeders' association. [1903].—Address on the Panama canal. [1904].—Address on "Agriculture."—Fragment of an article on the sheep industry of Michigan, p. 16-23.—Two letters on the revision of the tariff as affecting wool growers. [1906?].—Letter to the editor of the Weekly live stock report, entitled "No discrimination against Germany." [1906?].

8405. **Goodale, Hiram J.** Survey of Fort St. from the city of Detroit to its intersection with the Dearbornville road [May 18, 1837].

Copy.

8406. **Graham & McKenzie.** Journal "B". Detroit, October 4, 1790-September 16, 1791.

"Martin Derocher adventure [to the] Miamis." p. 25-26.

8407. ——— — ————. Ledger "B". [Detroit] October 4, 1790-September 18, 1791.

Merchandise and furs. Index inclosed.

8408. **Haigh, Henry.** Ledger. [Detroit] 1849-1852.

Drug business.

8409. **Hamtramck, John Francis.** Power of attorney to Solomon Sibley, or to any attorney of any court of record in the N. W. Territory, to confess judgment unto Robert and James Abbott on his bond of $1600 dated August 13, 1801.

8410. Hamtramck. Street railway. Record book. [Detroit] August 29, 1868-June 18, 1881.

8411. Harrow family mss. St. Clair co., Mich., 1830-1855.

Twelve pieces. These papers relate to a bond given by Alexander Harrow to Atkinson Pattinson about 1800, and its final settlement in favor of Arthur J. Robertson, of Inches, Scotland. They embrace statements, deeds, a letter of A. D. Fraser, and a tax roll of Clay township for 1834.

8412. Henry, James. Beef journal. Detroit, June, 1810.

8413. ———, ———. Invoice books. Detroit, September 1, 1797-September 24, 1806. 2 v.

General merchandise, liquors and saddlery.

8414. ———, ———. Journal of Mackinac store. Michilimackinac, July 15, 1802-March 31, 1804.

General merchandise.

8415. ———, ———. Journals. Detroit, October 10, 1797-March 2, 1814. 7 v.

8416. ———, ———. Ledger of Mackinac store. [Michilimackinac?] 1802-1805.

General merchandise.

8417. ———, ———. Ledgers. [Detroit] 1797-1813. 4 v.

8418. ———, ———. Letter book. Detroit, May 21, 1799-February 25, 1812.

Letters with accompanying order lists of gen. mdse. and saddlery addressed to Leith, Jameson & co., and to Forsyth, Richardson & co., of Montreal, 1799-1808, in the first half of volume, and family correspondence, 1808-1812, in the last half of vol.

8419. ———, ———. Memoranda books. [Detroit] 1799-1810. 3 v.

8420. ———, ———. Tannery bark book. Point Industry, May 31, 1804-1810.

Account [in cords] of bark received at the tannery, and from whom received.

8421. ———, ———. Tannery hide books. Tan-yard, June 27, 1798-March 16, 1803. 2 v.

8422. ———, ———. Tannery journals. Detroit and Point Industry, October 18, 1799-January 15, 1810. 7 v.

8423. ———, ———. Tannery ledgers. Point Industry and Detroit, 1799-1806. 2 v.

8424. ———, ———, & co. Account of beef cattle. Detroit, March 26-December 6, 1810.

This beef adventure in company with Sutherland & Brown was started in the spring of 1809 and closed the following year.

8425. [Henry, Stephen Chambers]. Tannery journal. Detroit, January 4, 1813-September 14, 1814.

After the death of James Henry, December 26, 1812, his nephew, S. C. Henry, had charge of the tannery, and many entries in this volume refer to payments per S. C. Henry.

8426. Hicks, Palmer & co. Ledger. [Detroit] 1850-1853.

8427. Howard, Joshua. [Manuscripts]. 1813-1861.

Contents.—Fifteen army commissions, 1813-1861, and seven letters, June 1-December 25, 1847, written from Mexico to his family in Detroit.—A vessel passport in blank.

8428. Hurlbut, Chauncey (steamer). Logbook. [v. p.] April 19 [1905?]-December 6, 1906.

8429. Indiana (Ter.) Governor. Proclamation for the organization of the county of Wayne. Vincennes, January 14, 1803.

Printed in Michigan pioneer and hist. society. Collections, v. 8, p. 540-542.

8430. Irish relief committee. Michigan. Record book of contributions for the relief of the poor in Ireland. Detroit, November 2-September 23, 1847.

8431. Jefferson, Thomas. Reply to the speech of the Ottawa, Chippewa, Potawatomi, Wyandot, and Shawnee Indians concerning promises made by Gen. Wayne at the Treaty of Greenville and provisions of the Treaty of Swan Creek, January 31, 1809. 3¼ p.

Photographic copy.

8432. Kean, Robert. Petition to the court of general quarter sessions of the peace for a recommendation to the governor for a license to keep a tavern in the town of Detroit. [Detroit?] December [5] 1797.

8433. Kercheval, B. B., estate. Bank book. Detroit savings fund institute. [Detroit] June 30, 1855-April 15, 1859.

8434. Lansing and Howell plank road company. Account book. [Detroit] October 10, 1857-January 17, 1881.

8435. ——— —— ——— ——— ——— ———. Certificate stub-book. [Lansing] August 13, 1850-December 22, 1880.

8436. ——— —— ——— ——— ——— ———. Ledger (stock). [n. p.] August 6, 1852-November 26, 1880.

8437. ——— —— ——— ——— ——— ———. Record book. Lansing, April 6, 1850-January 1, 1881.

8438. ——— —— ——— ——— ——— ———. Transfer book. Lansing, July 17, 1850-December 22, 1880.

8439. La Plant, Amable, estate. Bank book. Detroit savings bank. Detroit, 1867-1868.

8440. — ———, ———, ———. Sales book. [n. p.] 1867.

Bill of sale of personal property.

8441. **Larned, Sylvester.** Journal. Detroit, August 6, 1842-October 16, 1843; September 19, 1855-May 29, 1858. 42, 58 p.

Professional services.

8442. **———, ———.** Ledgers. [Detroit] 1842-1855. 2 v.

8443. **Larned & Ward.** Letter books. Detroit, September 18, 1845-June 7, 1858. 2 v.

8444. **Loskiel, George Henry.** Extempore on a wagon. A metrical narrative of a journey from Bethlehem, Pa., to the Indian town of Goshen, Ohio, in the autumn of 1803 . . . Translated with notes by J. Max Hark. Lancaster, Pa., S. H. Zahn & co., 1887.

Manuscript copy. Unimportant differences between this and printed edition.

8445. **Lossing, Benson John.** [Papers representing material used in his histories and biographies].

Contents.—Revolution.—War of 1812.—Civil war.—Miscellaneous.

8446. **Lothrop & Duffield.** Bill book. Detroit, January 16, 1846-June 1, 1849.

8447. **——— — ———.** Claim books. Detroit, August 9, 1843-July 25, 1862. 6 v.

8448. **——— — ———.** Ledger. Detroit, 1856-1865.

8449. **——— — ———.** Letter books. Detroit, September 1, 1849-October 11, 1861. 3 v.

8450. **Ludden, Nathaniel T.** Journal. Detroit, December 3, 1844-May 29, 1845. 88 p.

Dry goods and groceries.

8451. **Lunt, Mary Coffin.** Extracts—poetry and prose—collected by Mary Coffin Lunt, 1826-1838. 2 v.

8452. **——, —— ———.** Poems. [n. p.] May 11, 1827-January 27, 1829.

8453. **McCoskry, William.** Day books. [Detroit] May 21, 1812-March 27, 1831. 3 v.

8454. **McLean, Charles B.** Notes (undated) entered in a volume of the Index rerum of 1836 imprint. [n. p.].

In another handwriting and of date probably after 1900, are genealogical notes, also entered alphabetically.

8455. **Mack, Stephen.** Account with Mack & Sibley. [Pontiac] April 6, 1822-November 17, 1826. 34 p.

Mutilated. Distillery accounts.

8456. **Mack & Sibley.** Account with Stephen Mack. [Pontiac] May 13, 1822-November 10, 1826. 20 p.

Mutilated.

8457. **Manhatten banking company, New York.** Account [book] with C. C. Trowbridge. New York, May 29, 1841-May 18, 1842.

8458. **Margry, Pierre.** Copies of papers collected by Pierre Margry relating to Antoine de La Mothe Cadillac and now on file in the Bibliotheque nationale, Paris. Copied by Theodore Beauchesne, September, 1907. 2 v.

8459. **Marlette. Relief committee.** Letters and telegram relating to the burned district. Marlette, 1881. 8 p.

8460. **Martin, Hugh R.** Cash book. [Detroit] September 11, 1806-July 2, 1807. 66 p.

Hugh R. Martin was in partnership with Charles Curry, but each partner kept some books of original entry in his own name.

8461. ———, ——— —. Journal. Niagara. Michilimackinac and Detroit, February 20, 1806-June 3, 1807. not paged.

8462. ———, ——— —. Sales of goods after taking an inventory. Detroit, March 28-October 21, 1808.

General merchandise.

8463. **Martin & Curry.** Journals. Detroit, 1801-1808. 8 v.

8464. ——— — ———. Ledgers. Detroit, 1801-1808. 6 v.

8465. **Mayne, Thomas.** Deposition concerning the abduction of Thomas Raynor by British officers at Grosse Pointe, Sep. 5, 1815. Detroit, September 11, 1815. 2 p.

Photographic copy (mounted, 2 cards).

8466. **Miamis company.** In account with John Askin for "Inputs," January 31, 1787-January 21, 1788. 2 v.

8467. ——— ———. Journals. [v. p.] May, 1786-September 30, 1788. 2 v.

8468. **Michigan. Commission of inquiry into minimum wage for women. Conferences, 1914.** [Report]. [Lansing] 1914. 73 p.

Typewritten. Carbon copy.

8469. **Michigan. Dental association.** Record book, 1856-1880. 306 p.
p. 1-2 lacking. (Art. 1-5 of Constitution).

8470. **Michigan. University. Harris hall.** Check stub-books. [Detroit] August 1, 1893-August 1, 1899. 3 v.

8471. ———. ———. **Law dept.** Lecture course on international law, and on the history of treaties, by Pres. Angell, October 5, 1886-June 6, 1887.

Notes by George L. Canfield.

8472. ———. ———. **Monroe branch.** Report of the principal, S. Center, March 9, 1838. (In Burton, C. M. Diary of Detroit, v. 5).

Typewritten copy. The original was presented to the University by James V. Campbell, March 15, 1887.

8473. **Michigan (Ter.) Cavalry.** Muster roll of a troop of cavalry under the command of Captain Richard Smyth in the service of the United States commanded by Major James Witherell, from the 21st of April, when last mustered, to the 20th of July, 1812.

8474. ——— ——. **Citizens.** Resolutions adopted at a meeting of citizens of the territory of Michigan for a change of government. [Detroit] James M. Miller, ptr. [1809].

Godfroy papers—broadside.

8475. ——— ——. **Governor.** Bank book. Bank of Michigan. [Detroit] March 30-September 2, 1825.

Official bank book of Lewis Cass, as Governor and Superintendent of Indian affairs.

Account transferred to Wm. Woodbridge on May 6, 1825, as Acting Governor and Superintendent.

8476. ——— ——. ———. [Inquiry to the Secretary of state regarding permission to the people of Detroit to cut timber from their lands]. Washington, December 10, 1805. 1 p.

8477. ——— ——. ———. Proclamation [of the power of Congress alone to disapprove and nullify the laws of the original states adopted by the governor and judges of the territory of Michigan]. Detroit, Jacques M. Miller, imprimeur [1809].

8478. ——— ——. **Laws, statutes, etc.** An act making certain appropriations to be paid out of the contingent fund for the year 1827. Approved April 13, 1827.

8479. ——— ——. **Supreme court.** Presentment of the grand jury, September 26, 1809. [Detroit] J. M. Miller, ptr. [1809].

A definite protest against certain acts of the territorial legislature, with a request that the laws of the territory be translated into the French language.

List of persons comprising the grand jury.

8480. **Michigan bond and mortgage company.** Certificate stub-book, and transfer book. [n. p.] March 20, 1839-March 29, 1860.

8481. **Michigan college of medicine.** Certificate stub-book. [Detroit] April 19, 1880.

8482. **Miller, Sidney David.** Account book. [Detroit] 1857-1868.

8483. ———, ——— ———. Agency book. Detroit, 1872.

Mortgages and investments. Copies of specifications, contracts, and newspaper clippings in relation to the building erected on the northeast corner of Griswold and Larned sts., afterwards known as the Detroit savings bank building, p. 130-160.

8484. ———, ——— ———. Cash book. [Detroit] January 2, 1868-December 31, 1870.

8485. ———, ——— ———. Journals. Detroit, December, 1853-1882. 20 v.

8486. ———, ——— ———. Ledgers. [Detroit] 1852-1867. 2 v.

8487. ———, ——— ———. Letter books. Detroit, June 2, 1852-September 22, 1875. 12 v.

8488. ———, ——— ———. Letters to Sidney D. Miller. [v. p.] July 10, 1865-December 29, 1874. 13 v.

8489. Miller, Sidney Trowbridge. Check stub-books. [Detroit] January 2, 1892-October 12, 1896. 3 v.

8490. ———, ——— ———. Diary [professional]. [Detroit] 1906.

Occasional entries only, and these for the most part refer to dates of law cases.

8491. Mitchell & Newell. Journal. [n. p.] 1873.

8492. Mizner, Henry Rutgers. [Manuscripts]. 1861-1888. (With Howard, Joshua. [Manuscripts]. 1813-1861).

Contents.—Ten army commissions, 1861-1888.—Marksman's certificate, November 1, 1884.—Letter from U. S. Grant, November 1, 1865.

8493. Montreal. Notarial archives. [Records, 1689-1822]. 22 v.

Paged continuously.

Manuscript copies made for Clarence M. Burton at the Palais de justice, Montreal.

French text.

8494. Moore, William Austin. Bank book. First national bank, Detroit. [Detroit] November 14-December 24, 1872.

8495. ——, ——— ———. Check stub-book. American national bank of Detroit. Detroit, January 20-July 4, 1885.

8496. ——, ——— ———. Letter book. Detroit, January 10, 1862-March 21, 1864.

8497. Moore, William A. and Blackmar, Thomas S. Ledger. [Detroit] 1857-1859. (In Moore & Griffin. Ledger, 1862, p. 49-78).

8498. Moore, Canfield & Warner. Rent book [clients']. [Detroit] 1879-1883.

8499. Moore & Griffin. Claim book. [Detroit] 1875.

Many cases "In admiralty".

Moore, Canfield & Warner. Claim book. p. 75 to end of vol.

8500. ——— — ———. Letter books. Detroit, May 3, 1867-February 3, 1873. 4 v.

8501. ——— — ———. Receipts and disbursements, 1870.

8502. New England society. Michigan. Record book. Detroit. December 1, 1846-December 22, 1857. not paged.

Constitution and signatures, with date of signing and name of state represented, December 17, 1846-December, 1856. 11 p. at end of vol.

8503. New York & Michigan lumber company. Detroit agency. Journal. Detroit, July 17, 1865-December 31, 1869.

8504. **Northwest territory. Laws, statutes, etc.** Laws of the Northwest territory, 1787-1802. 3 v.

Copies from the original records in the office of the Secretary of state, Columbus, Ohio.

8505. **North western mining company of Detroit.** Certificate book. Detroit, November 1, 1849-May 1, 1850.

8506. **O'Flynn, Cornelius.** [Abstract of titles of land in the city of Detroit]. Compiled by Cornelius O'Flynn and Bela Hubbard [from the journals, files and papers of the governor and judges, and from records in the register's office]. [Detroit, 1844]. 53, 464 p.

Copy.

8507. **P. F. U. rubber company.** Certificate stub-book. [Detroit] June 27, 1905-February 3, 1906.

Bethune Duffield, secretary.

8508. —. —. —. ——— ———. Letter book. Detroit, July 6, 1905-March 31, 1908. 197 p.

8509. **Pilcher, Elijah H.** [Record of] marriage certificates issued by Elijah H. Pilcher, November 1, 1838-July 26, 1881.

Copy. Michigan records chiefly, tabulated by county. A few for Ontario, Canada.

8510. **Pine Lake (steamer).** Logbook. May 16-October 21, 1912.

8511. **Pingree, Mrs. Frances A. Gilbert.** Scrapbooks. 1889-1891. 6 v.

8512. **Pingree, Hazen Stuart.** Scrapbooks. [Detroit] 1890-1901. 253 v.

8513. **Plessis, Joseph Octave.** Extract from the Journal of the pastoral visitation of Monseigneur Joseph Octave Plessis in 1816. 13 p.

English translation, by "L. L.," of that part of the Journal which includes his visit to Detroit, June 19-July 8, 1816.

8514. **Ploughboy (steamer).** Account book. [v. p.] 1856.

8515. **Pontiac mss.**

Three photograph copies of original French documents made by C. M. Burton to show the similarity between the writing of the Pontiac Journal and that of a deed by Robert Navarre, and the dissimilarity between the Journal and the records of Ste. Anne's church, Detroit, of the same date.

8516. **Pontiac mill company.** Accounts and general statements. 1826-1828.

8517. **Porter, Frederick Bissell.** [Manuscripts]. Detroit, etc., 1847-1891.

Contents.—Essays, speeches and editorials, 1859-1863.—Eleven family letters, 1851-1891.—Medical note book, 1860.—Poetry, 1857-1859.—Application of Miles J. O'Reilly for writ of habeas corpus for John Rose, presented to F. B. Porter and filed May 2, 1861.—Papers of George A. Porter, 1851-1853.—The western traveler, by H. Goodwin.

8518. **Post, Hoyt.** Scrapbook of Wayne co. circuit court reports, 1866-1869.

8519. **Potawatomi Indians.** Deeds. Grosse Ile. To Alex. and William Macomb. 1 p.

Photograph made for C. M. Burton from the original deed loaned by Robert Lee Stranton, of Grosse Ile.

8520. **Procter, Henry.** Regulation of the civil government of the territory of Michigan. [Detroit] August 16, 1812.

8521. **Protestant Episcopal church. Diocese of Michigan.** Letter book. Detroit, May 8, 1878-September 24, 1879.

8522. **Protestant orphan asylum.** A register of the transactions of the Female benevolent society of the city of Detroit. [Detroit, 1821-1831]. not paged.

8523. **Randall, Corydon C.** Day book of photograph orders. Detroit. October 25, 1876-June 26, 1882.

8524. **Reid, James (tugboat).** Logbook. April 23, 1912-January, 1913.

8525. **Reid wrecking company, limited.** Libellant vs Schooner "C. G. King" and Donaldson, respondents. 152 p.

Typewritten.

8526. **Richard, Gabriel.** Circular letter soliciting assistance in rebuilding the parish church of Ste. Anne of Detroit. Albany, May 10, 1809. 1 p.

8527. **———, ———.** Draft of resolutions for the formation of an association to be called the "Society of Catholic schools in the territory of Michigan." 1815. 2 p.

8528. **Ross, Robert B.** Old-time fun. How Detroit amused itself in 1864. and later. [Detroit] 1905.

Scrapbook of illustrated articles from the Detroit evening news, January 7-February 12, 1905.

8529. **Ryan & Bourke.** Sales book. Detroit, October 11, 1888-November 30, 1889.

Commission merchants.

8530. **St. Mary's hospital, Detroit.** Register of county patients received October 24, 1855-December 24, 1873. not paged.

Opposite pages give record of patients' discharge of death.

8531. **St. Mary's River improvement co.** Survey of the Saint Mary's River improvement company's aqueduct at the village of St. Mary, Chippewa county, [Mich.] commenced June 16th, 1881.

Transit notes and Level notes.

8532. **Sandwich, Ont. Assumption church.** Livre de comptes de la fabrique de la paroisse de l'Assomption, October 5, 1775-October 5, 1859. [Detroit, 1894?]. 1 v. in 2.

Manuscript copy.

8533. ———, —. ——— ———. Registre de la paroisse de l'Assumption, August 31, 1872-December 31, 1824. [Detroit, 1894]. 5 v. in 3.

Manuscript copy.

8534. **Sargent, Winthrop.** Proclamation for the organization of the county of Wayne. [Detroit] August 15, 1796.

8535. **Scott, William McDowell.** Ledger. [Detroit] 1803-1812.

Professional services (doctor), and official business as justice of the peace, U. S. Marshal, etc.

Some accounts closed in 1815-1816.

8536. **Services** at the funeral of Honorable Lawton T. Hemans, Mason, Michigan, November 19, 1916. not paged.

Typewritten. Carbon copy.

8537. **Sibley, Henry S.** Letter books. Detroit, March 7, 1899-August 9, 1904. 5 v.

8538. **Sibley, Solomon.** Cash book. Detroit, July 9, 1800-January 24, 1809. not paged.

8539. ———, ———. Note book. [Detroit] January 1, 1827-April 27, 1829.

Entries for mill at Pontiac and cattle interests of Mack & Sibley.—Circuit court dates by county.

8540. **Smith, James Cosslett.** Check stub-book. [Detroit] December 31, 1901-August 15, 1902.

8541. **Smith, Joshua Toulmin.** Journal in America. Detroit [September 15, 1837-July 18] 1838. 70 p.

The Journal, procured by Clarence M. Burton in London, Eng., was kept by this English writer and his wife during their journey from New York to Detroit and return as far as Utica, with a most unfavorable record of their stay in Detroit "to which ill fate led us owing . . . to the misrepresentations of Harriet Martineau."

Wildcat money and the Canadian rebellion receive lengthy comment.

The writer lectured on phrenology in Detroit and Ann Arbor. Schoolcraft says he "lectured acceptably" and expressed a wish for Indian skulls for transmission to London. cf. "Personal memoirs . . . " p. 594.

8542. **Society of the army of the Tennessee.** Press head quarters register, twentieth reunion, Society of the army of the Tennessee, Detroit, Mich., September 14 and 15, 1887.

8543. **Trowbridge, Charles Christopher.** Cash books. Detroit, July 1, 1875-March 16, 1883. 2 v.

8544. ———, ——— ———. Check stub-books. [Detroit] October 11, 1875-March 15, 1883. 7 v.

8545. ———, ——— ———. Check stub-books [plank roads]. [Detroit] June 8, 1878-June 22, 1883. 5 v.

8546. ———, ——— ———. Expense books. [v. p.] January 2, 1846-December 31, 1880. 4 v.

8547. ————, ——— ————. Inventory books [personal property, real estate, stocks, etc.]. [Detroit] January 1, 1844-March 1, 1876. 3 v.

8548. ————, ——— ————. Land book re Allegan adventure. Detroit, November 10, 1834-July 28, 1873. [237] p.

A complete record of the Allegan and Boston companies within above dates. Ms. map showing C. C. Trowbridge's lands in Allegan co., p. 14.

Appended: Map of Allegan co., and parts of Ottawa, Kent and Kalamazoo cos., with inset of Holland on verso of front cover.

8549. ————, ——— ————. Ledger. [Detroit] 1880-1883.

8550. ————. ——— ————. Letter books. "Allegan no. [1]-3." Detroit, September, 1835-June 15, 1841. 3 v.

Carbon copies of correspondence of Mr. Trowbridge in connection with the Allegan land company.

8551. ————, ——— ————. Letter books. Detroit, May 4, 1859-May 27, 1876. 2 v.

These letter books are of especial interest in railroad and church matters and in the prominence at that time of the people addressed.

8552. Trowbridge, C. C., estate. Check stub-book. [Detroit] April 10-July 5, 1883.

Sidney D. Miller and George Hendrie, trustees.

8553. ————, —, —., ————. Inventory book. [Detroit] April 14-November 3, 1883.

8554. ————, —. —., ————. Investment ledger. [Detroit] May 14-June 7, 1888.

8555. ————, —. —., ————. Journal. [Detroit] January 5, 1890-April 20, 1891.

8556. Truesdail, Wesley. Journal (Alta Vista). [East China, St. Clair co., Mich.] January 1, 1867-March 26, 1879.

Mandeville Poole, agent.

8557. ————, ————. Ledger (Alta Vista). [East China, St. Clair co., Mich] 1867-1879.

8558. Tuttle, Christopher. Journal. River Raisin, July 18, 1808-May 4, 1810.

Entries show interest in Pleasant Bank tannery and in a saddler's shop; also credits of service as a Justice of the peace for Erie district.

8559. U. S. Army. Commissary dept. Ledger for supplies in account with James O'Hara, contractor. [n. p.] 1797-1798.

Entries include Beef, pork, tallow, lard, flour, salt, whiskey, soap, candles, stationery.

8560. —. —. ——. ————. ——. **Detroit.** Bakehouse accounts under Thompson's contract, October-December, 1801.

Amount of flour sent to bakehouse.
James Henry, contractor's agent.

8561. —. —. ——. ———— ——. ————. Ledger of contractor's agent [James Henry] 1797-1800.

Includes accounts for Fort Miami, Fort Wayne, Michilimackinac and Presqu' Isle. Officers' accounts cover the issues at Detroit.

8562. —. —. ——. ———— ——. ————. Letter book of James Henry, contractor's agent at Detroit. Detroit, October 20, 1799-December 30, 1800.

8563. —. —. ——. ———— ——. ————. Stock account books. Detroit, October 1, 1799-September 30, 1801. 2 v.

1799-1800. James O'Hara, contractor. 1800-1801. Edward Thompson, contractor James Henry, contractor's agent at Detroit.

8564. —. —. ——. ———— ——. **Mackinac.** Inventory of rations issued and in store. Michilimackinac, June, 1800-September 1, 1801.

William Henry, contractor's agent. Col. James O'Hara, contractor. James Henry, contractor's agent at Detroit, to whom the Mackinac reports were made.

8565. —. —. **Attorney. Michigan district.** Docket of causes. [Detroit] 1837-1863. 3 v.

8566. —. —. ———. ———— ————. Letter book, July 17, 1844-November 12, 1851.

8567. —. —. ———. ———— ————. Letter books. Detroit, April 26, 1841-December 24, 1864. 3 v.

8568. —. —. **Bureau of the census.** [Census rolls of Michigan territory for the counties of Brown, Crawford, Mackinac, Macomb, Monroe, Oakland and Wayne, and of the town of Detroit].

Eight sheets; typewritten copies of originals in the office of the clerk of the Supreme court at Lansing.
Indorsement on each sheet: Filed . . . July 25, 1821.

8569. —. —. **Circuit court. Michigan. Eastern district.** Term docket for Judge Wilkins, March, 1869.

8570. —. —. **Congress. Committee appointed to prepare a plan for the temporary government of the western territory.** Report. [Washington] March 1, 1784. 3, 1 p.

Photographic copy (mounted, 4 cds.).

8571. —. —. **Custom house. Detroit.** Cash book. Detroit, May 21, [1824]-June 22, 1826.

William Woodbridge, collector.

8572. —. —. ——— ———. ———. Day books. Detroit, February 11, 1815-July 19, 1828. 9 v.

8573. —. —. ——— ———. ———. Impost book, 1815-1823.

8574. —. —. ——— ———. ———. Journal. Detroit, January 16, 1816-March 31, 1819.

8575. —. —. ——— ———. ———. Ledger. Detroit, 1817-1818.

8576. —. —. ——— ———. **Mackinac.** Journals. Mackinac, April 21, 1806-July 20, 1809. 2 v.

George Hoffman, collector.

8577. —. —. ——— ———. —————. Ledgers. [Mackinac] 1806-1808. 2 v.

8578. —. —. **General hospitals. Detroit (Harper).** Prescriptions for the sick and wounded at Harper, U. S. A. General hospital, December 3, 1864-April 15, 1865.

Ruled for names of soldiers and daily prescriptions.

8579. —. —. ——— ————. ——— **(St. Mary's).** Letter book. Detroit, December 8, 1864-April 17, 1865. 64 p.

Letters, requisitions and accounts, signed by the acting ass't surgeons of the U. S. Army, in charge.

8580. —. —. ——— ————. ———. —————. Register of discharges [from] St. Mary's hospital, August 8, 1863-October 26, 1864. 126 p.

Report of guard, January 23-March 1, 1865, p. 118-119, 124-125.
Passes granted, January 24-February 25, 1864, p. 120-123.

8581. —. —. ——— ————. ———. —————. Register of furloughs issued at St. Mary's U. S. A. General hospital, January 9, 1864-May 29, 1865. not paged.

8582. —. —. **Land office.** Records of the United States Land office at Detroit. Detroit, 1804. 454 p.

Earliest documents recorded are of date 1760, p. 395, 403.

8583. —. —. **Marshal. Michigan.** Account book for U. S. causes in the circuit and district courts of Michigan, 1849-1857.

Charles H. Knox, U. S. Marshal.
George W. Rice.

8584. —. —. ————. ————. **Eastern district.** Account book for causes in bankruptcy. [Detroit] April 28, 1869-1874.

Joseph R. Bennet, U. S. Marshal.

8585. —. —. ————. ————. ———— ————. Cash book. [Detroit] January 31, 1881-February 14, 1885.

S. S. Mathews, Marshal.

8586. —. —. ————. ————. ———— ————. Docket of causes for service of writs. [Detroit] April 28, 1869-March 17, 1886. 5 v.

8587. —. —. ————. ————. ————. ————. Docket of U. S. causes for service of commissioner's warrants. [Detroit] 1874-1883. 3 v.

8588. —. —. ————. ————. ———— ————. Letter books. [Detroit] April 6, 1877-February 12, 1880. 2 v.

8589. —. —. ————. ————. **Huron and Detroit district.** Account with William McDowell Scott as rendered by him, May 7, 1809.

For serving citations, attendance in court, jury summons, pauper maintenance and services in the magistrates' offices.

8590. —. —. **Superintendent of Indian affairs. Michigan.** Record book of licenses issued to Indian traders. Detroit, September 28, 1805-February 10, 1817.

8591. —. —. **President.** Commission to Solomon Sibley as member of the legislative council of the territory of the United States northwest of the River Ohio. Washington, December 23, 1800.

8592. —. —. **Secretary of State.** Passport issued to George Duffield. Washington, May 1, 1882.

8593. **Van Dyke & Emmons.** Claim book. Detroit, 1848-1852. [239] p.

In this is: Van Dyke & McNeil. Claim book, 1868, 3 p. at end of vol.

8594. —— —— — ————. Journal. Detroit, August 13, 1844-December 4, 1847.

8595. —— —— — ————. Letter books. Detroit, October 24, 1843-March 26, 1853. 12 v.

8596. **Van Dyke, Philip J. D. and McNeil, Halmer E.** Ledger. Detroit, 1866-1867.

8597. **Van Husan, Caleb.** Check stub-book. [Detroit] May 27, 1875-January 8, 1876.

8598. —— ——, ——. Check stub-books. [Detroit] May 27, 1875-July 7, 1885. 2 v.

8599. —— ——, ——. Letter book. [Detroit] September 17, 1861-February 11, 1865; September 19, 1879-October 29, 1884.

8600. —— ——, ——, **estate.** Letter book. [Detroit] September 19, 1884-November 19, 1887.

8601. **Wayne county. Bible society.** Record books. Detroit, 1856-1913. 2 v.

In 1856 the society was known as the "Bible society of the city of Detroit." It was reorganized in 1865 under the old name "Wayne county Bible society."

Treasurer's reports are included from 1888 until the final report in 1913.

8602. ——— ———. **Clerk.** Marriage affidavits, 1831-1834.

8603. ——— ———. **Justice of the peace.** Docket of causes. Detroit, January 2, 1835-June 7, 1836.

Robert Abbott, Justice of the peace.

8604. ——— ———. ——— — —— ———. Docket of cases. [Frenchtown] June 25, 1807-February 2, 1810.

Christopher Tuttle, Justice of the peace.

8605. ——— ———. **Medical society.** Record book. April 14, 1849-May 13, 1851.

Constitution, by-laws and minutes of meetings from organization of the society to its dissolution.

8606. ——— ———, **Northwest territory.** . . . County tax for the year 1802. [Sargent, Hamtramck, Detroit and St. Clair townships]. 1802. [18] p.

8607. ——— ———, ——— ———. **Justice of the peace.** Docket of causes. Detroit, January 29, 1801-May 21, 1803.

James Henry, Justice of the peace.

8608. **Williams, James Mott.** Cargo book. Detroit, May 21, 1859-October 3, 1862.

Entries show shipments of coal received by different vessels.

8609. **Williams, John R.** Account book. [Detroit] February 12, 1827-March 28, 1828.

House expenditures, kept by Theodore Williams.

8610. ———, ——— —. Cash book. [Detroit] March 13, 1809-December 2, 1815.

Receipts are from daily sales; disbursements include domestic, personal and business entries.

8611. ———, ——— —. Day books. Detroit, July 22, 1822-November 25, 1853. 9 v.

8612. ———, ——— —. Ledgers. [Detroit] 1805-1843. 5 v.

8613. ———, ——— —. Letter book. [Detroit] July 20-June 7, 1810. (In his Ledger C, 1813-33. 12 p. at front of vol.).

8614. ———, ——— —. Sales book. [Detroit] August 19, 1817-August 1, 1818.

General merchandise.

8615. ———, ——— —., **estate.** Check stub-book. James L. Lyell, banker. Detroit, January 24-29, 1856.

8616. **Williams, Thomas.** Day books. [Detroit] November 5, 1781-September 18, 1786. 5 v.

8617. ———, ———. Ledgers. [Detroit] 1782-1788. 2 v.

These volumes are respectively: A, 1782-1786 (Many pages missing); and B, 1784-1788 (Some accounts show settlement of T. Williams' estate).

8618. **Willmarth, Hiram.** Memorandum books. [Redford, Mich., 1835-1854]. 2 v.

Surveying and miscellaneous notes.

8619. **Winder, John.** Bank book. Bank of Michigan. [Detroit] April 24, 1839-September 18, 1841.

Bank account in first half of vol. U. S. Circuit court. Michigan district. List of notices served, [1844?] in last half of vol.

8620. **Wing, Nelson H.** Check stub-book. [n. p.] 1866-1869.

8621. ——, ———. Diary. Greenwich [N. Y.] 1869.

Daily notes of life at Greenwich, N. Y. and of business and social visits to Boston, New York, Detroit, and Springfield, Vt.

8622. ——, ———. Land Books. [n. p.] September 1, 1860-September 16, 1872. 3 v.

Michigan lands, purchased and located, listed for taxes.
Vol. 1 September 1, 1860.
Vol. 2 October, 1862 (Chicago and Dubuque properties added in 1864).
Vol. 3 September 16, 1872.

8623. ——, ———. Ledgers. [n. p.] [Greenwich, N. Y.?] May 11, 1868-1877. 2 v.

8624. ——, ———. Memoranda of demands [notes, mortgages, etc.]. [n. p.] [Greenwich, N. Y.?] May 17, 1869-1877. 2 v.

8625. ——, ———., **estate.** Bank book. Detroit national bank. Detroit, May 12, 1884-December 10, 1889.

Wm. J. Gray, administrator.

8626. ——, ———., ———. Bank book. First national bank, Detroit. Detroit, September 17, 1877-November 12, 1878.

R. P. Toms, executor.

8627. ——, ———., ———. Bank book. Second national bank, Detroit. Detroit, November 12, 1878-January 23, 1883.

8628. ——, ———., ———. Cash books. [Detroit] September 17, 1877-March 11, 1890. 2 v.

8629. ——, ———., ———. Check stub-books. Second national bank. Detroit, September 17, 1877-March 21, 1885. 2 v.

8630. ——, ———., ———. Inventory book. [Detroit, 1877].

Genealogy of the family of Nelson H. Wing, and specific legacies, in front of book.

8631. **Wolfschlaeger, Lucas, estate.** Disbursements by M. E. Woodworth, administrator. [Detroit] July 18, 1902-April 20, 1904.

8632. **Wolverine knitting company, Detroit.** Record book. Detroit, July 15-October 3, 1889.

8633. **Woodbridge, William.** Account book. [Detroit] January 2-July 6, 1857.

In account with Brooks & Adams for building material.

8634. ————, ————. Account book [postage?]. [n. p.] April 6-December 27 [18—?].

8635. ————, ————. Account book. [Detroit, n. d.].

8636. ————, ————. Bank book. Detroit, July 1, 1820-July 24, 1824.

Mutilated.

8637. ————, ————. Bank book. Bank of the United States. New York branch. New York, August 19, 1833-August 17, 1834.

8638. ————, ————. Cash books. [n. p.] June, 1813-August 1, 1831. 2 v.

8639. ————, ————. Claim books. [n. p.] April, 1804-September, 1821. 10 v.

8640. ————, ————. Diaries. [Detroit] December 25, 1850-March 2, 1858. 5 v.

8641. ————, ————. Ledger. Detroit, January-June, 1835.

Entries of a commission merchant making shipments to London, Liverpool, Dublin, Cadiz, etc.

Sales account for January 6-8 is signed "James Bennett per William Woodbridge."

8642. ————, ————. Ledger accounts. [Detroit] April 17, 1819-May 18, 1822.

8643. **Wright, J. L., & bros.** Balance book. [Detroit] July 10, 1850-February 15, 1851.

Statement of the balance due to and from J. L. Wright & bros.

INDEX

INDEX

Numbers refer to titles.

ABBOT, T. C.
  Clute: Dr. T. C. Abbot, 716
  Manual labor at M. A. C., 1
Abbott, E. W.
  Facts about Mich., 2
———, F. H.
  Practice in civil actions in courts of record, 3
———, J.
  Mss., 8037, 8040
———, M., estate
  Norton: Mss., 8107
———, R. and J.
  Hamtramck: Power of attorney to S. Sibley to confess judgment, 8409
———, S.
  Abbott: Mss., 8040
Abbott and Gamble
  Map of Muskegon Lake, 7909
Abell, T. B.
  Michigan. Legislature. Senate. Committee on public lands: Report on resolution authorizing commissioner of land office to issue certificate of purchase to school lands, 4585
Abolition, see Slavery
Acadamies
  Michigan. State teachers' association: Memorial asking portion of proceeds from swamp lands, 5111
  See also Schools; name of academy
Accident Fund, see Michigan. Insurance dept.
Accidents
  Worsfield: Special danger near switches on railroad tracks, 7041
Accounting
  Michigan. State board of accountancy: C. P. A. manual, 4860
Account books, see Manuscripts
Accounts, see Business manuscripts
Ada
  Map, by R. Andrewes, 7604
Adair, W. & co.
  Autumn catalogue, 4
  Descriptive catalogue, 5
Adam, J. J.
  Michigan. Legislature. Senate. Committee on claims: Report relative to claim, 4448
Adams, A. H.
  Mss., 8107, 8109
ADAMS, C. C.
  Ecological survey in northern Mich., 6
  Ecological survey of Isle Royale, 7
———, C. K.
  Historical sketch of U. of M., 8
  Michigan. University: Memorial addresses at funeral of Prof. Watson, 5197
  U. of M., 9
———, C. S., estate
  Land book, 8206
———, M. B.
  U. S. Engineer dept.: Manistee Harbor, 6668
———, M. J.
  History of suffrage, 10
———, P. R.
  Treatise on prohibitory liquor law of Mich., 11
———, R. C.
  Agriculture in Mich., 12
Addison, L. G.
  Ohio boundary, 13
Address of Democratic members of legislature, 14
  ——— on advisability of purchasing Belle Isle, 16
  ——— to Democracy of Ingham county, 15
Addresses at inauguration of Rev. H. Q. Butterfield, 17
Adjutant general, see Michigan. Adjutant general's office
Admiralty cases
  Newberry: Reports of cases argued and adjuged, 5539
Adrian
  Board of education
    Report, 18
    See also Adrian. Public schools
  Charters and ordinances, 19-21
  College
    Calendar, 28
    Repertory, 29
    Alpha tau omega and Kappa kappa gamma fraternities
      The exponent, 30
  Description
    Charming Adrian, 649
  Directories
    Annual city directory, 27
    Brown: Directory, 454
    Chapin: City directory, 643

ADRIAN—Continued
- High school
  - Senior sickle, 6200
- History
  - [Bonner]: History, 396
  - Millard: Early history of Lenawee co. and of Adrian, 5442
- Ladies library association
  - Catalogue, 22, 23
- Public school library
  - Catalogue, 24, 25
- Public schools
  - Lyster: Report on typhoid fever among school children, 2785
  - Payne: Historical sketch, 5683
  - See also Adrian. Board of education
- Story tellers' league
  - Year book, 26
- Smart: Whisky war in, 6263

Advantages of Ludington, 31

Aeroplanes
- Williams aeroplane co.: Concerning our exhibition machines, 6960

Aetna base ball association
- Record book, 8207

Aetna insurance co.
- [Map of] Wisconsin & Michigan, 7239

Agate Harbor
- Preliminary chart, by U. S. War dept., 7934
- Agate Harbor, by U. S. War dept., 7935

Agricultural college, see Michigan. Agricultural college

Agricultural education
- Jeffery: Elementary laboratory study in crops, 2392; in soils, 2393
- Michigan. Commission on industrial and agricultural education: Report, 3259
- ————: Dept. of public instruction: Agriculture in rural schools, 3355
- ————. ——. — ———— ————: Co. schools of agriculture, 3373
- ————. State commission on industrial and agricultural education: Report, 4954
- See also Michigan. Agricultural college

Agricultural pests
- Taft: Legislation relating to insects, 6461
- ——: Pests of orchard and garden, 6469
- ——: Small fruit notes; spraying, 6478
- ——: Spraying calendar, 6481

Agricultural societies
- Berrien county agricultural society: Premium list, 351
- Emmons: Mss., 8041, 8078
- May: Farmers' movement, 2927
- Missaukee county agricultural society: Premium list of annual fair, 5460
- Northern Michigan agricultural and mechanical society: Officers, rules and regulations, and premium list, 5560
- See also Eaton county agricultural society; Michigan. State agricultural society; St. Clair county agricultural society

AGRICULTURAL STATISTICS, see Michigan. Census

Agriculture
- Adair: Descriptive catalogue of vegetable, flower and agricultural seeds, 5
- Adams: Agriculture in Mich., 12
- Allegan co. farmer's institute: Annual report, 52
- Baird: Requisites for successful farming, 187
- Beal: Comparing yield of old meadows with those recently seeded, 297
- Blowe: Geog., commercial, and agr. view of United States, 393
- Carton: Extract from address on relationship between agriculture and manufacturing, 586
- Cass: Address before Kalamazoo co. agricultural society, 605
- ——: Address before Mich. state agricultural society, 606
- Central Mich. agricultural society: List of premiums, 626
- [Crawford county. Board of supervisors]: Back to farm, 860
- Dixon: Study of farm management problems in Lenawee co., 1529
- Drake: Management of sandy-land farms, 1543
- Emmons: Mss., 8041
- Fulton: Tillage, 1776
- Gibbons: Addresses, 8404
- Leverett: Surface geology, 2727
- McDowell: Farming on cut-over lands, 2828
- Michigan. Dept. of public instruction: Study of school gardens and elementary agriculture, 3440
- ————. Dept. of state: Mich. crop report, 3510
- ————. Geological survey: Communication [in compliance with resolution requesting information on benefits to agricultural interests from completion of survey], 3562
- ————. Laws, statutes, etc.: Act providing for securing crop statistics, 3937
- ————. Legislature. House. Committee on agriculture: Report of committee to whom was referred part of governor's message on subject, 3975
- ————. ——————. Senate. —— —— — ————: Report in pursuance to resolution for encouragement, 4431
- ————. —————. ————. —— —— — ————: Report [relative to aid to agricultural industry], 4432
- ————. Political science association: Social problems of the farmers, 4797
- Osborn: Farming, 5611
- Osborne farm annual, 5612
- Russell: Agricultural notes in Ohio and Mich., 6055

AGRICULTURE—Continued
Seeley: Climate of Mich. and its relation to agriculture, 6197
Smalley: Management of muck-land farms, 6259
Shaw: Michigan agriculture, 6221
[Stebbins]: Western farm and factories, 6389
Stocking: Michigan farmers; effect of Wilson-Gorman act, 6410
Towar: Cow peas, soy beans and winter vetch, 6554
Traverse City. Board of trade: Grand Traverse fruits and agriculture, 6572
Upper Peninsula development bureau: Diversified farming, 6723
——— ——— ——— ———: Homes and farms in Upper Peninsula, 6724
——— ——— ——— ———: Home sweet home, 6725
——— ——— ——— ———: Seven million fertile acres, 6727
Western Michigan development bureau: Western Michigan, land of opportunity, 6875, 6876
——— ——— ——— ———: Western Michigan, land of fruit and fortune, 6873, 6874
See also Beal, W. J.; Farms and farming; Fruit and fruit culture; Land; Michigan. Agricultural college; Michigan. Legislature. Senate. Committee on agriculture; Michigan. Public domain commission; Michigan. State board of agriculture; Michigan. State grange; Railroad lands; Soils; U. S. Dept. of agriculture; Vegetables; Weeds

Ainge, T. S.
Michigan. State board of health: Quarter-century of public health literature, 4915

Alabaster, J.
Answer on traffic and use of intoxicating beverages, 32

Alanson
Polk & co.: Directory, 5763

Alba
Polk & co.: Directory, 5763

Albach, J. R.
Perkins: Annals of West, 5704-5708

Albert Benjamin Prescott; in memoriam, 33

Alberti, A.
Map of Saginaw valley, 7398

Albion
Charters, 34
College
Fiske: Albion college, 1700
Pleiad, 36
Year book, 37
Commercial college
Circular, 38
Directories
Nedham: Directory, 5533

ALBION—Continued
Polk & co.: Battle Creek city directory, 5760
Ordinances, 35

Albright, E. F.
[Reminiscences of Detroit], 8208

Album of Detroit, 39

Alcona county
Gregory: Preliminary geol. report, 1990
Leverett: Alcona co., 2722
Township map, by C. L. Smith, 7408

Alden, H.
Michigan. Auditor general's office: Report relative to claims of estate, 3141
Michigan. Legislature. Senate. Committee on claims: Report relative to claims of estate, 4449

———, L. P.
State public school, 40

Alexander, C. T.
Letter book, 8209
See also Alexander and Paddock

———, J.
Michigan. Legislature. House. Committee on the judiciary: Report relative to petition, 4112

———, K. B.
Log of North shore club, 41

Alexander and Paddock
Journal, 8210

Alfalfa
Michigan. Agricultural college. Experiment station: Doubtful substitutes for clover, 3016
[Shaw]: Alfalfa, 6211
Shoesmith: Alfalfa growing, 6237
Smith: Alfalfa in Mich., 6267

Alger, R. A.
Eulogy on Gen. P. H. Sheridan, 42
Michigan. Governor: [Messages and pardons], 3728-3731
————. Legislature: R. A. Alger, 3965
Smith: Eulogy upon life and character, 6316
U. S. 59th Cong., 2d sess.: Russell Alexander Alger. Memorial addresses, 6648

Alger Republican club
Matthews: Alger Republican club, 2922

Algoma steel corporation
International joint commission: Mich. northern power co. Proceedings, 2324

Algonac
Directories
Meech: Port Huron and St. Clair co. directory, 2935
Wolverine directory co.: St. Clair co. directory, 7008

Aliens, see Foreigners

Allardt, M. H.
Michigan, 43

Allegan
By-laws and charter, 44, 45
Manual, 46

ALLEGAN—Continued
- Public library
  - Annual report, 47
  - Guide, 48
- Schedule of lots for sale by Mary Ann Hubbard, 6154
- Village directory, 49

Allegan county
- Calkins: Petition for grant of swamp lands for railroad, 551
- Citizens: Memorial relative to apportionment of representatives, 50
- ————: Petition to confer public lands on Grand Rapids and Indiana railroad, 51
- Cook: Six months among Indians, 803
- Farm journal directory, 1636
- Farmers' institutes: Annual report, 52
- History, 2146
- Map, by Geil & Harley, 7409
- ——, by U. S. Postoffice dept., 7411
- ——, of cos. of Ottawa and Muskegon and part of Allegan, by Geil & Harley, 7552
- Ogle & co.: Standard atlas, 7412
- Pioneer society: Report, 53
- Portrait and biographical record, 5838
- Thomas: Twentieth century history, 6521
- Titus: Atlas, 7410
- Trowbridge: Land book, 8548
- ————: Letter books, 8550

Allegan land co.
- Sales book, 8211

Allan, A. B.
- Muskegon. Ordinances, etc.: Ordinances, 5515

——, James
- U. S. War dept.: Schoolcraft and Allen—expedition to Northwest Indians, 6698

——, John
- Michigan. Legislature. Senate. Select committee: Report of committee to which was referred bill to improve administration of justice, 4722

——, J. A.
- Introductory address to third session of college of medicine and surgery, U. of M., 54

——, R. C.
- Contributions to Pre-Cambrian geology of northern Michigan and Wisconsin, 55
- Iron River iron-bearing district, 56
- Mineral resources of Mich., 57-62

——, W. F.
- Place of Northwest in general history, 63

Allgemeiner arbeiter-bund
- Souvenir program, 64

Allouez, C. J.
- Verwyst: Missionary labors in Lake Superior region, 6759

Alma college
- Blaisdell: Renaissance of denominational college, 383
- Bruske: History, 479
- Catalogue, 65

ALMA COLLEGE—Continued
- Cooper: Plea for smaller college, 828
- First greeting, 66

Alma mining, milling and smelting co.
- Maybury: Mss., 8189

Alma sanitarium, 67

Almanacs, see Michigan almanac

Almont
- Souvenir for home coming, 6346

Almont, county of
- Michigan. Legislature. House. Committee on towns and counties: Report to whom was referred petitions for organization of, 4242

Almshouses and workhouses
- Brodie: Address, 444
- Storrs: Our county poorhouses, 6419
- Wayne county. Grand jury: Presentment relative to house of refuge, 6829

Almy, J.
- [Michigan. Board of internal improvement: Communication transmitting] report on survey of Maple River, 3185
- Plat of subdivision known as Mission Reserve and constituting part of 5th ward of Grand Rapids, 7708
- Plat of Grand Rapids, 7706
- State of Michigan, 68

Alpena
- Board of education
  - Annual report, 69, 70
- Description
  - Boulton: Souvenir, 407
- Directory
  - City and county directory, 72
- Public library
  - Catalogue, 71

Alpena county as she is, 73

Alpena county
- Boulton: Complete history, 405, 406
- Dewey: Alpena county, 1502
- Oliver: Centennial history, 5596
- Outline map, 7413
- Township map, by C. L. Smith, 7414

Alpena evening echo
- Alpena, 74

Alpena magnetic spring, 75

Alpena national bank, 76

Alpena weekly argus
- City of Alpena, 77

Alphadelphia association
- Michigan. Legislature. House. Committee on incorporations: Report of committee [to whom was referred petitions for incorporation], 4088

Altenbrandt, E.
- Men behind guns in making of greater Grand Rapids, 78

Altitudes, see Michigan. Altitudes

Altona
- [Map of] town of, 7605

Alvord, C. W.
- Conquest of St. Joseph, 79

Alward, D. E.
- Michigan. Legislature. Senate: Practice and procedure, 4424

AMBOY, LANSING AND TRAVERSE BAY RAILROAD
  Emmons: Mss., 8068
  Freight delivery book, 8212
  Journal, 8213
  Letter book, 8214
  Memorial of stockholders for legislative committee to examine frauds, 80
  Petition for grant of lands, 81
  Trowbridge: Mss., 8109
  Williams: Memorial relative to examination into affairs of, 6939
Ameiva bifrontata cope
  Ruthven: On ameiva bifrontata cope, 6058
America
  Antiquities
    Schoolcraft: Incentives to study ancient period, 6164
  Bibliography
    Hubbard: Valuable private library, 2250
American atlas co.
  Plat book of Hillsdale co., 7462
American biographical history, 82
American digest classification
  Michigan digest, 5394, 5395
American electric fuse co.
  Jones: How $10 grew to $500,000, 2422
American express company
  Michigan. Legislature. Senate. Committee on finance: Report relative to claim, 4468
American foul brood, see Foul brood
American revolution
  Burton: Detroit in revolution, 519
  Butterfield: Washington-Irvine correspondence, 543
  Dodge: Narrative during captivity, 1532
  Lossing: [Papers representing material used], 8445
  Martindale: Loughery's defeat, 2913
  Moore: Northwest under three flags, 5479
American revolution, Daughters of, see Daughters of the American revolution
American revolution, Sons of, see Sons of the American revolution
American schoolmaster, 83
American social science association
  Baker: Report of meeting, 194
American Sunday school union
  Reports, 84, 85
American wit and humor
  Some funny things, 6331
  Very funny, not too funny; just funny enough, 6760
Americanization
  National Americanization committee: Americanizing a city, 5522
  See also Detroit. Public library
Amusements
  Ballard: Popular amusements, 211
  Ross: Industrial school entertainments, 6031
ANATOMY, HUMAN. Outlines, syllabi, etc.
  Michigan. University: Synopsis of lectures by C. L. Ford, 5215
Ancient order of united workmen. Detroit lodge
  By-laws, 86
——— ——— — ——— ———. Grand lodge
  Constitution, 87, 88
Anderson, A. C.
  Second report of grade dairy herd, 89
  Shaw: Cull beans as food for swine, 6213
  ——: First annual report of grade dairy herd, 6219
  Studies in milk production, 90
  Studies in butterfat, 91
———, E.
  Cash book, 8215
———, F. M.
  Michigan. Political science association: Papers and addresses on primary reform, 4794
———, I.
  Martindale: Loughery's defeat, 2913
———, J.
  Mss., 8114
———, Mrs. J. A.
  Miscellaneous mss., 8126
———, M. B.
  La Salle: Relation of discoveries and voyages, 2686
Andersonville monument commission, see Michigan. Andersonville monument commission
Andrewes, R.
  Map of Ada, 7604
Andrews, A. W.
  Ruthven: Miscellaneous papers on zoology, 6057
———, L.
  Michigan. Legislature. Senate. Committee on state affairs: Report relative to claim, 4682
Andrus, L.
  Michigan. Legislature. House. Committee on the judiciary: Report relative to claim, 4117
Angell, J. B.
  Centennial celebration of evacuation of Detroit, 625
  D'Ooge: President Angell's quarter centennial, 1537
  Michigan Dept. of public instruction: J. B. Angell memorial day, 3393
  ———. University: Address in honor of, 5159
  ———. ———: Exercises at inauguration, 5179
  ———. ———: U. of M.; quarter-centennial celebration of presidency, 5221
  ———. ——— Law dept.: Lecture course on international law, 8471
  Reminiscences, 92

ANGELL, J. B.—Continued
- U. S. Deep waterways commission: Report, 6661
- U. of M.; commemorative oration, 93

Anglo-American relations
- Callahan: Neutrality of American lakes, 553

Anishinabe enamiad, 94

Annals of St. Paul's church, Detroit, 95

Ann Arbor
- Ann Arbor railroad company
  - Annual report, 147
- Art association
  - Ann Arbor art association; its aims and scope, 96
  - Exhibition of Oriental and American art, 97
  - Handbook, 98
- Board of education
  - Annual catalogue, 99
  - Annual reports, 100
  - Annual report of superintendent, 101
  - Manual of course of study in primary and grammar depts., 102
- Board of health
  - Rules and regulations, 103
- [Business men's association]
  - City of Ann Arbor, 104
- Charters, 105-112
- Civic association
  - Ann Arbor, 113
- Classified business and professional directory, 114
  - Yearbook, 115
- Clark's, Misses, young ladies' seminary
  - Prospectus, 702
  - Report and catalogue, 703
- Common council
  - Proceedings, 116
- Congregational church. Ladies' aid society
  - Cook book, 117
- Dau's blue book, 913
- Dept. of public health
  - Monthly report, 118
- Description
  - [Ann Arbor civic association]: Ann Arbor, 113
  - Cheever: Pleasant walks and drives, 658
- Directories
  - Ann Arbor civic association: Classified business and professional directory, 114
  - Chapin: City directory, 644
  - Cole & Keating's Ann Arbor directory, 739
  - Loomis & Talbott's Ann Arbor city directory, 2768
  - Mills: Ann Arbor-Ypsilanti directory, 5450
  - Polk & co.: Directory, 5759
  - Pray: Washtenaw co. directory, 5866
  - Wendell directory co.: Washtenaw co. directory, 6861

ANN ARBOR—Continued
- District Sabbath school convention
  - Proceedings, 119
- Fire underwriters
  - Minimum tariff of rates, 120
- First Congregational church
  - Confession of faith, 121
  - Manual, 122
  - Officers and members, 123
  - Report of church and society, 126
  - Roll of members, 124
  - Souvenir, 125
- Folio by I. C. Russell & F. Leverett, 7760, 7761
- High school
  - Breeze, 127
  - Catalogue, 128
  - Exercises, 129
  - General catalog, 130
  - Omega, 131
- Maps
  - [Bird's eye view], by A. Ruger, 7612
  - City of, by H. Hart, 7607
  - City of, by D. A. Pettibone, 7608
  - City of, by S. Pettibone, 7609
  - Map, 7613
  - Map, by H. P. Gould, 7610
  - Map, by J. F. Stratton, 7606
  - Map, by Wickes bros., 7611
- Medical club
  - Banquet, 132
- Memorial proceedings in honor of Abraham Lincoln, 133
- Ordinances, 105-112
- Preparatory school
  - Catalogue, 134
- Public library
  - Classified list of books, 135
- Public school library
  - Catalogue, 136
  - Finding list of English prose fiction, 137
- Quadrangle map, see Quadrangle maps
- Resources
  - City of Ann Arbor, 679
- St. Andrew's church
  - Annual report, 138
  - Cross: History, 865
  - Year book, 139
- School of music
  - Announcement, 140
- Scientific association
  - Constitution and by-laws, 141
- Special waterworks committee
  - Final report, 142
- Steere: University of Michigan and saloons of Ann Arbor, 6395
- Sunderland: Ministry of 15 years in college town, 6437
- Tales
  - Harriman: Ann Arbor tales, 2049
- Union high school
  - Exercises, 143
- Union school
  - Catalogue, 144

ANN ARBOR—Continued
Unitarian church
Services and announcements, 145
Unitarian church, etc., services, organization, officers, etc., 146
Water works
Williams: Reports on valuation and extension, 6942
See also Washtenaw county
Anne
Woolson: Anne, 7036, 7037
Anne Meldrum Dermont
[In Memoriam], 148
Anneke, E.
Michigan. Legislature. House. Committee on ways and means: Report of committee to whom was referred resolution to inquire whether auditor general has paid over all moneys received, 4251
Annotations and citations
Citator, 677
Anthon, C. E.
Narrative of settlement of G. C. Anthon in America, 149
———, G. C.
Anthon: Narrative of settlement in America, 149
Ward and Palmer: Mss., 8134
Anti-Masonic party
Williams: Mss., 8038
Antiquities
[Etzenhouser]: Engravings of prehistoric specimens, 1614
Gillman: Certain characteristics pertaining to ancient man, 1810
Michigan. University. Gallery of art and archaeology: Catalogue, 5283-5285
Pidgeon: Traditions of De-coo-dah; and antiquarian researches, 5736
Russell: Prehistoric discoveries in Wayne co., 6054
Savage: Prehistoric finds of Mich., 6145
Schoolcraft: Archives of aboriginal knowledge, 6159
————: Incentives to study ancient period, 6164
Smith: Archeological survey of Mich., 6297
———: Notes on data of Michigan archaeology, 6299
———: Prehistoric and modern copper mines of Lake Superior, 6312
———: Saginaw valley collection, 6300
———: Summary of archeology of Saginaw valley, 6301
Society of colonial wars. Michigan: Message of mound builders, 6326
See also Archaeology; Earthworks; Mounds and mound builders; Saginaw valley
Anti-slavery
Miscellaneous mss., 8184
See also Fugitive slaves; Slavery

ANTI-SLAVERY STATE CONVENTION, see Michigan. Anti-slavery state convention
Anti-tuberculosis association, see Michigan. Anti-tuberculosis association
Antrim county
Ogle & co.: Standard atlas, 7416
Pond: Official atlas, 7415
Stearns salt and lumber co.: Kalkaska and Antrim cos. and their farm lands, 6387
Traverse region, historical and descriptive, 6580
Anville, [Jean Baptiste Bourguignon d']
Amérique septentrionale, 7088
Canada, Louisiane et terres Angloises, 7091
North America from French of, 7104
Appeal showing necessity of early completion of Great western railway, 150
Applegate, T. S.
History of press of Michigan, 151
Apples
[Eustace]: Thinning apples, 1618
Hartman: Can general farmer afford to grow apples, 2068
Long Point development association: Golden opportunities, 2761
Pettit: Insects injurious to, 5719
Taft: Apple orchard, 6452, 6453
——: Fruit list and apple scab remedies, 6457
See also Fruit and fruit culture
Apportionment bill
Michigan. Governor: Message relative to, 3659
Appraisal laws
Michigan. Legislature. House. Committee on the judiciary: Report of committee to whom was referred so much of governor's message as relates to, 4132, 4133
Arbitration, industrial
Michigan. State court of mediation and arbitration: Report, 4955, 4956
Arbor day
Beal: Hints, 300
——: Two programs, 317
King: Prose and verse for use on, 2530
Michigan. Dept. of public instruction: Arbor day, 3357-3360
Pattengill: Special day exercises, 5672
Archaeology
Kelsey: Some archeological forgeries from Mich., 2499
Pearse: Crawfishes. Insect galls. Birds. Aboriginal remains, 5686
Pidgeon: Traditions of De-coo-dah; and antiquarian researches, 5736
Russell: Prehistoric discoveries in Wayne co., 6054
Ruthven: Herpetology of Mich., 6056
Savage: Prehistoric finds of Mich., 6145
Smith: Archeological survey of Mich., 6297

ARCHAEOLOGY—Continued
———: Notes on data of Michigan archaeology, 6299
———: Summary of archeology of Saginaw valley, 6301
See also Antiquities; Earthworks; Mounds and mound builders
Architects' and builders' directory
Detroit. Architects' and builders' directory, 957
Architecture
Detroit. Public library: Architecture; selected list of books, 1282
International mill and timber company: Famous 50 Sterling system built homes, 2327
——— ——— ——— ——— ———: Sterling system of home building, 2328
National building plan association: Artistic homes, 5525, 5526
Archives
Canada. Archives: Documents, 575
Conger: Report on public archives of Mich., 764
Person: Report on public archives of Mich., 5711, 5712
Arenac county
Gregory: Geological report, 1989, 1990
Ogle & co.: Standard atlas, 7417
Argonaut, 152
Arithmetic
Michigan. Dept. of public instruction: Arithmetic teaching, 3361
———. ———. ——— ——— ———: 3rd grade arithmetic, 3457
———. ———. ——— ——— ———: 4th grade arithmetic, 3386
———. ———. ——— ——— ———: 5th grade arithmetic, 3387
———. ———. ——— ——— ———: 6th grade arithmetic, 3434
Armada public library
Catalog, 153, 154
Armenians in Michigan
Kassabian: Armenians in Grand Rapids and western Mich., 2465
Armroyd, G.
[Map of] Ohio, Indiana and Michigan, 7150
Armstrong, C. S.
Michigan. Legislature. Senate: Eulogies on death of E. S. Northrup, 4421
———**, G. W.**
Michigan. State board of fish commissioners: Minute upon death, 4882
Army worm, see Insects
Arnett, B. W.
Northwest Territory, 155
Arnold, Rev. J. M.
Boughton: Selections from autobiography, 403
Arnold transit co.
Aeroplane view of Michigan, 7372
Les Cheneaux Islands, 7876

ARRIVE, J.
Cadillac: [Contract between Cadillac, J. Arrivé and J. Gaultier, and F. Hazeur], 8276
Art
Catalogues and exhibitions
Ann Arbor art association: Exhibition of Oriental and American art, 97
Detroit. Art club: Catalogue, 959
———. Art collection: [Catalogues], 960
———. Art loan: Catalogue, 961
Grand Rapids. Public library: Catalogue, 1919
Lewis art gallery: Catalogue, 2733
Michigan. University. Gallery of art and archaeology: Catalogue, 5283-5285
Spies public library: Catalogue of Indian and nature studies, 6364
See also Hackley art gallery; Michigan. University
Galleries and museums
Pattison: Opening of Hackley art galleries, 5673
Wyer: Art museum, 7055
Municipal
Brunner: Preliminary report for city plan for Grand Rapids, 478
Comey: Detroit suburban planning, 756
[Duquesne]: Preliminary report on program for Scott fountain, 1560
Olmsted: Conditions in Detroit, 1915, 5602
———: Improvement of Detroit, 5603
See also Detroit. City plan and improvement commission
Schools
Battle Creek school of applied art: Instruction paper, 261, 262
Societies
Ann Arbor art association, 96
——— ——— ——— ———: Exhibition, 97
——— ——— ——— ———: Handbook, 98
Study and teaching
Liggett: Art education, 2741
Michigan. Dept. of public instruction: Art education, 3362
Artesian wells
Leverett: Flowing wells, 2723, 2724
Arthur, C. B.
Progress of Michigan women, 156
———**, H., & co.**
Map of Detroit, 7660
Arthur Hill, 157
Artists
Michigan. State library: Biographical sketches, 5009-5012
———. ——— ———: Mich. artists, 5043
Arts, see Manual arts

ARUNDEL, L.
Motor boat boys on Great Lakes, 158
Ashes
Kelsey: Manurial value, 2481
Ashman, J. W.
In memoriam of Henry Doty, 159
Ashmore, E.
Detroit training school alumni: Lest we forget, 1487
Ashpole, G. A.
Port Huron. Charters: Charter, 5814
Ashton
Polk & co.: Directory, 5763
Askin, C.
Diary and memoranda, 8216, 8222
Mss., 8037, 8130
——, C. and J.
Day book, 8217
Ledgers, 8218
——, James, see Askin, C. and J.
——, John
Account book, 8219
Bill book, 8220
Inventory book, 8221
Invoice book, 8222
Journals, 8223
Ledgers, 8224
Letter book, 8225
Mss., 8037, 8129, 8130
Memorandum book, 8226
Miamis co.: In account with, 8466
——— —.: Journals, for diary of, 8467
Askin genealogy
Richardson: War of 1812, 5974
Assessment
Michigan. Board of state tax commissioners: Cash value assessments, 3229
Astronomy, see Michigan. University. Detroit observatory
Asylums, see Michigan. Asylums; Michigan. Ionia state hospital; Michigan. Kalamazoo state hospital; Michigan. Pontiac state hospital; Michigan. Traverse City state hospital
Atchison and Nebraska railroad
Joy: Mss., 8136, 8138
Atchison, Topeka and Sante Fe railroad
Joy: Mss., 8136
Athens
Nedham: Directory, 5533
Athletic association, see Michigan. Athletic association
Athletics, see Wrestling
Atlases, see Maps and atlases; Michigan. Atlases; names of counties; Upper Peninsula
Attorney general, see Michigan. Attorney general's office
Atwater, C.
Indians of Northwest, 160
Atwood, J. M.
Map of western states, 7224, 7231
——, T. W.
Official railroad map of Mich., by Railroad commissioner, 7343, 7347
——, Messrs. & co.
Mss., 8202
AUDITOR GENERAL, see Michigan. Auditor general's office
Audubon society, see Michigan. Audubon society
Augusta
Nedham: Directory, 5533
Augustus Caesar Baldwin, 161
Au Sable & northwestern railway co.
Gateway to a home, 162
Au Sable River
Map, by E. F. Hyde, 7959
Au Sable River valley
Wood: Notes on birds of, 7021
Austin, F. G., as trustee in bankruptcy of C. Currie & co., 8227
Authors' days
Pattengill: Special day exercises, 5672
Authors' league of Mich.
[Purpose and work], 163
Authorship
Michigan. Historical commission: Suggestions for local hist. societies, 3797
Autobiographies, see Biographies
Automobiles
Bibliography
Detroit. Public library: Automobiles, 1283, 1284
Club
Wolverine automobile club: By-laws, articles of association, 7005
Detroit. Board of commerce: Detroit and its automobiles, 980
Ford motor co.: Ford factory facts, 1729
——— ——— —.: Ford motor cars, 1730
——— ——— —.: Helpful hints to employees, 1731
Industry
Kelley: Speech relative to automobile industry and proposed tax on it, 2491
Lane: H. Ford's own story, 2612
Laws and regulations
Martindale: Digest, 2914
Michigan. Dept. of state: Digest of laws of various states, 3497
————. ——. — ———: Digest of motor vehicle laws, 3499
————. Laws, statutes, etc.: Motor vehicle law, 3913
————. State library. Legislative reference dept.: Digest, 5055
Licenses
Michigan. Dept. of state: Motor vehicle licenses, 3516, 3517
Michigan. Dept. of state: Instructions to applicants for motor vehicle registration, 3503
Miller: W. C. Durant, 5449
Packard motor car company: The Packard, 5623
Road guides
Automobile road map of southeastern Mich., by S. Farmer & co., 7996
Automobile road atlas of southern Mich., by S. Farmer & co., 7997
Bowen's automobile and sportsmen's guide, 418

AUTOMOBILES—Continued
Lang: Pocket road map, Monroe co., 2614
Motor guide and league: Blazing the way, 5493
Motorists handbook, 5494
Overland road map, by Overland motor co., 8011
Rand McNally indexed pocket map and shippers' guide of Michigan, 7370
Scarborough motor guide co.: Official tour book, 6148
West Michigan pike assoc.: Road guide and tourist directory of West Mich. pike, 6866
—— ——— —— ——.: Maps, routes and tourist's directory of West Mich. pike, 6867
White printing co.: Auto guide for Grand Rapids and western Mich., 6903
See also Roads. Maps
Starting, lighting and ignition devices
Michigan state auto school: Automobile electrician's key, 5419
Averill, P.
Inspection of illuminating oil, 164
Avery, C. A.
Detroit art loan: Catalogue, 961
———, **E. M.**
[Robinson]: Biographical sketch, 5998
[Sweet]: Elroy McKendree Avery, 6441
———, **J.**
Overflowed lands on Maple River, 165
Axford, L. L.
Michigan law of conveyancing, 166
Axtell, Rev. H.
Joy: Mss., 8144

Babbitt, Judge J. W.
Harriman: Memorial, 2050
Baby, W. L.
Souvenirs of past, 167
Backus, A. E.
Backus and Jackson: Mss., 8053
———, **J. F. W.**
Backus and Jackson: Mss., 8053
———, **M.**
Claim book, 8228
———, **S.**
Petition asking changes in tax laws, 168
———, **W. W.**
Mss., 8053
Bacon, A. P.
Cooper: Life, 825
———, **D.**
Cooper: Life, 825
———, **M. R.**
Contested election, 293
Bacteriology
Marshall: Bacteriology, 2897
Michigan. Agricultural college. Dept. of bacteriology, hygiene and pathology: Laboratory manual, 3011

BAD AXE, thumb's best town, 169
Bagg, J. S.
Michigan. Legislature. House. Committee on printing: Report in relation to bill making appropriations to state printer, 4197
———. ——————. ———. Committee on ways and means: Account, 4250
Bagley, J. J.
[Campbell]: J. J. Bagley, 568
Hopkins: Memorial address on life and character, 2205
Michigan. Charities and corrections, 3245
————. Governor: [Messages of and pardons granted by], 3702-3711
Old times, 170
Pauperism and crime in Michigan, 5677, 5678
Speech, 171
Bahlke, W. A.
Chattel mortgage, 172
Bailey, J. R.
Cook: Mackinaw in history; a critique, 805
Mackinac, 173-178
———, **L. H.**
Experiment, 179
Hints on rural adornment, 180
Notes on fruits, 181
Notes on tomatoes, 182
Report, 183
Varieties of apples for market, 184
———, **W. O.**
Report on Michigan forest fires of 1881, 185
Bailey's gazeteer, 186
Baird, R. G.
Requisites for successful farming, 187
Baist, G. W.
Real estate atlas of surveys of Detroit, 7679
Real estate atlas of surveys of Detroit and Highland Park, 7687
Baker, E. W.
County school manual and history of school dists., Cheboygan co., 188
———, **F. A.**
Duration of municipal street grants, 189
Michigan. Constitution: Annotated constitution, 3310
Stephen Baldwin vs. Fred A. Baker, 190
———, **G. A.**
St. Joseph-Kankakee portage, 191
———, **H. W.** vs. Barges "Tycoon" and "Mikado," 8229
———, **H. B.**
Causation of pneumonia, 192
Climate and health, 193
Report on Amer. social sci. assoc. meeting, 194
Report on death-rate, 195
Report on methods of collecting vital statistics, 196

BAKER, H. B.—Continued
Sickness in Michigan caused by poisonous cheese, 197
Trichiniasis, 198
———, J. F.
Michigan woodlot, 199
———, J. H.
Sources of Mississippi, 200
———, L.
Winchell: Oil region of Michigan; description of Baker tract, 6985
———, R. H.
City of Grand Rapids, 201
———, S. A.
Lecture [on education], 202
Baker's business directory of Detroit, 203
Baldwin, A. C., 161
———, F. A.
Baldwin: Memorial of, 204
———, F. D.
Brief military record, 439
———, F. L.
Memorial of F. A. Baldwin, 204
———, H. P.
Detroit. St. John's church vestry: In memory, 1340
Michigan. Governor: [Messages and other papers], 3691-3701
———. Legislature: Memorial, 3955
———, J.
Conquest of Old Northwest, 205
Discovery of Old Northwest, 206
———, S. vs. F. A. Baker, 190
———, W.
Law of personal injuries, 207, 208
———, & Silsby
Journal, 8230
Ledger, 8231

Ball, B. D.
Michigan. Attorney general's office: Railroad lands taxable, 3073
——, D.
Hollister: Daniel Ball, 2193
——, J.
[Ball]: John Ball, 209
Ball: Overland journey to Oregon, 210
——, L.
John Ball, 209
Overland journey to Oregon, 210
——, W.
Michigan. Legislature. House. Special committee: Reports of committee to whom was referred petition of S. L. Bignall to be admitted to seat occupied by, 4364

Ballard, A.
Popular amusements, 211
———, Rev. J.
Memorial, 2946

Baltimore and Ohio railroad company
Pangborn: B. & O. red book for Mich., 5636

Baltimore Bay, 212

Baltimore mining co.
Articles of assoc., 213

BANCROFT, W. L.
Port Huron and Lake Michigan railroad co.: New railway outlet from Chicago to seaboard, 5821
Republican party. Michigan. State central committee: Correspondence with, 5954

Bangor
DeLisle: Directory for 1868-9, 943

Bank of Michigan
Letter book, 8232
Trowbridge: Mss., 8109

Bankrupt law
Michigan. Legislature. House. Committee on federal relations: Report, 4059

Banks, R.
Oration, 215

Banks and banking
Alpena national bank, 76
Cooley: State bank issues, 816
Dix: Petitions for general banking law, 1528
Duffield: Bank books, 8354, 8370, 8371
Erie and Kalamazoo railroad co.: Acts of incorporation, 1605, 1606
Farmers' and mechanics' bank: Memorial asking extension of charter, 1668
——— —— ——— ———: Memorial of stockholders, 1669
Felch: Mss., 8154
Hinchman: Banks and banking, 2125
Jenks: First bank in Mich., 2396
Kercheval estate: Bank book, 8433
La Plant estate: Bank book, 8439
McComber: Petition for general law to authorize banking, 2801
Macomb county. Bank: Report, 2863
Michigan. Attorney general's office: Communication in reply to resolution in relation to, 3054
———. ——— ——— ———: Report in relation to Manhattan bank, 3076
———. ——— ——— ———: Report relative to banks under injunction, 3081
———. ——— ——— ———: Report relative to Farmers' and merchants' bank of St. Joseph, 3083, 3084
———. ——— ——— ———: Report in regard to general banking law, 3087
———. Auditor general's office: Communication [relative to banks neglecting or refusing to pay specific tax], 3093
———. ——— ——— ———: Communication relative to agreement with Bank of Mich., 3098
———. Bank directory, 5363
———. Banks: Reports, 3166
———. Board of fund commissioners: Report [in pursuance of act to establish state bank of Mich.], 3172

BANKS AND BANKING—Continued

———. Board of trustees of state assets: Annual report, 3232

———. Commissioners to settle with the Michigan state bank: Report, 3288, 3289

———. Governor: Message transmitting memorial from bank convention, 3600

———. ———: Message transmitting papers relative to Bank of Macomb co., 3606

———. ———: Special message relative to further suspension, 3628

———. Laws, statutes, etc.: Laws, 3833

———. ———, ———, ———.: Act relating to negotiable instruments, 3916

———. Legislature. House: State bank charters, 3973

———. ———. ———. Committee on banks: Report of committee to investigate Bank of Macomb co. and Oakland co. bank, 3982

———. ———. ———. Committee to investigate Bank of Ypsilanti: Report, 3984

———. ———. ———. Committee on banks and incorporations: Report of committee to whom was referred so much of governor's message as relates to state bank, 3986

———. ———. ———. ——— ——— — ——— ———: Report of committee to whom was referred petition for Peninsular bank, 3999

———. ———. ———. Committees on federal relations and on banks and incorporations: Report relative to circulation of bills of unsound banks of foreign country, 4076

———. ———. ———. Committee on incorporations: Report of committee to whom was referred petitions praying legislature to incorporate bank in Jackson, 4087

———. ———. ———. Committee on the judiciary: Minority report on resolution relative to repealing act exempting stock of Bank of St. Clair from taxation, 4113

———. ———. ———. ——— ——— — ——— ———: Report upon resolution relative to Farmers' and mechanics' bank, 4127

———. ———. ———. Select committee: Report of committee appointed to investigate Bank of Mich., 4293

———. ———. ———. ——— ———: Report of committee [to whom was referred inquiries relative to condition of banking institutions in hands of receivers], 4294

BANKS AND BANKING—Continued

———. ———. ———. Special committee: Report of committee to investigate Bank of Mich., 4363

———. ———. Joint committee: Report of committee [to investigate affairs of Bank of Mich. and Farmers' and mechanics' bank], 4387

———. ———. Senate. Committee on banks and incorporations: Report of committee to whom was referred petition for charter of bank at Otsego, Allegan co.,4446

———. ———. ———. Committee on finance: Report relative to purchase by banks of portion of state stock, 4471

———. ———. ———. ——— ——— — ———: Report of committee to whom was referred petition of president of Bank of St. Clair, 4499

———. ———. ———. Committees on finance and judiciary: Report on bill [to tax banking associations], 4508

———. ———. ———. Committee on incorporations: Report in reference to amending constitution to secure state bank, 4511

———. ———. ———. ——— ——— — ———: Report on portion of governor's message relating to state bank, 4524

———. ———. ———. ——— — ———: Report of committee to whom was referred resolution to inquire into violations of charter by Oakland co. bank, 4523

———. ———. ———. Committee on internal improvement: Report relative to loan to Bank of Gibralter, 4528

———. ———. ———. Committee on the judiciary: Report of committee to whom was referred petitions for amendment to enable legislature to establish banking system similar to that of Ohio, 4550

———. ———. ———. Committee on state affairs: Report of committee to whom was referred bill to amend charter of banks of state, 4659

———. ———. ———. Select committee: Report of committee to whom were referred resolutions relative to city banks, 4700

———. ———. ———. ——— ———: Report relative to state bank and branches, 4701

———. ———. ———. ——— ———: Report in regard to resumption of specie payments by banks, 4702

———. ———. ———. Special committee: Report relative to Government stock bank, 4754

BANKS AND BANKING—Continued
  ———. Treasury dept.: Communication relative to, 5128
  ———. ——— ———: Communication relative to amount of tax paid by banks, 5129
  ———. (Ter.) Governor: Bank book, 8475
  M[illegible]: Bank book, 8494
  ———: Check stub book, 8495
  Norton: Mss., 8107
  Ravell: Sixty years of banking in Mich., 5929
  Rogers: List of banks and banking corporations in territory and state prior to national banks, 6004
  Sherwood: Bank note circulation, 6231
  Statement of affairs of Bank of Washtenaw, 6381
  Trowbridge: Mss., 8108
  ———: Petition for law authorizing business of banking, 6586
  Waldo: Sketch of origin, establishment and workings of national banking system, 6784
  Wayne co. savings bank: [Report of bank; savings banks in Mich.], 6837
  Weeks & Polk: Bay City directory to which is appended directory of, 6848
  Wendell: History of banking and banks and bankers of Mich., 6860
  ———: Mss., 8205
  Williams: Mss., 8038
  Winder: Bank book, 8619
  Wing estate: Bank book, 8625-8627
  Woodbridge: Bank book, 8636, 8637
  See also Bank of Michigan; Detroit. American exchange national bank; Detroit. National bank; Detroit. Preston national bank; Detroit. Savings bank; Detroit River savings bank; Farmers' and mechanics' bank; Michigan. Bankers' association; Michigan. Bank commissioners; Michigan. Banking dept.; Michigan. State bank

Baptists
  Benton Harbor
    First Baptist church. History
      Miscellaneous mss., 8172
  Detroit
    Baptist young people's union: Manual, 971
    Eighteenth St. Baptist mission, 1582
    First Baptist church
      Haskell: Half-century memorial, 2077
      ———: Quarter-century ebenezer, 2080
    History and directory of churches of Detroit, 2141
    Our churches, Detroit, 5619
    See also name of church under Detroit
  Flint River Baptist association: Minutes, 1722

BAPTISTS—Continued
  Grand Rapids
    Churches
      Moerdyk: History, 5465
    Fountain Street Baptist church. Jackson circle
      Choice collection of tested recipes, 1899
  Michigan
    Baptist convention: Annual meeting, 3167
  Muskegon
    First Baptist church. Ladies' society
      Muskegon cook book, 5514
  Niles
    Baptist church
      Trowbridge: Pioneer days, 6594
    First Baptist church: 75th anniversary, 5550
  Sturgis
    Baptist church
      Trowbridge: Pioneer days, 6594
  Trowbridge: History of Baptists in Michigan, 6593
  ———: Pioneer days, 6594
  See also Biographical sketches; Biographies; Hillsdale college; Kalamazoo college; Missions and missionaries; name of institution, local church or organization

Bar association, see Michigan. State bar association

Baraga, F.
  Sifferath: Short compendium of catechism for Indians, 6243
  Verwyst: Life and labors, 6758

Baraga county
  Biographical record, 369
  Farm and business directory, 1635

Barber, E. W.
  Direct legislation, 216
  Michigan. Forestry commission: Mich. forestry, 3547
  Vermontville colony, 217

———, G. M.
  Memorial, 218

Barber law
  Michigan. Laws, statutes, etc.: Mich. barber law, 3834

Barbour, L. L.
  Indeterminate sentence, 219
  Jails, 220-222
  Peter White, 223

Barcroft, F. T.
  Detroit united railway: Statement of Barcroft appraisal, 1496
  Report and appraisal of Detroit united railway, 224
  [Rifenberick]: Statement concerning appraisal of D. U. R. lines, 5981

Barden, F. M.
  Commercial peach growing, 225

Bards and co's. business directory of Grand Rapids, 226

Bark River
  Polk & co.: Directory, 5767

BARLEY
  Spragg: Barley improvement, 6366
Barnaby, H. T.
  The decade, 227
Barnard, F. A.
  American biographical history, 82
———, H.
  Miscellaneous mss., 8176
———, W. A.
  Map of Lansing, 7741
Barnes, C.
  Plat of Grand Rapids, 7707
———, L. S. L.
  Memorandum book, 8233
———, O. M.
  Prison system, 228
  Prisons self supporting, 229
  Speech, 230
———, R. F.
  [Tower]: Builders of greater Grand Rapids, 6560
Barrett, A. M.
  Michigan. Commission on extent of mental defectiveness: Report, 3261
———, F. A.
  Musical directory of Detroit, 5510
———, L. P.
  Allen: Contributions to Pre-Cambrian geology, 55
———, O. S.
  Reminiscences of 4th Mich. infantry, 231
Barrows, H. K.
  Surface water supply, 232
———, W. B.
  Michigan birds, 233, 234
Barry, J. S.
  Michigan. Governor: [Messages and communications], 3633-3642, 3655-3659
———, Mrs. W.
  Memorial of Col. Samuel Stone, 235
Barry county
  Farm journal directory, 1637
  History, 2146
  Lake: Atlas, 7418
  Map, by U. S. Postoffice dept., 7420
  Map of cos. of Eaton and Barry, by Geil & Jones, 7450
  Mudge: Directory, 5498
  Ogle & co.: Standard atlas, 7419, 7421
  Porter: Business directory, 5807
  Portrait and biographical album, 5825
  Potter: History, 5855
  Weissert: Indians and trading posts, 6850
Barstow, S.
  Memorial, 2947
Barstow & Lockwood
  Cash book, 8234
  Letter books, 8235
Barthe, J. P., & co.
  Ledger, 8236
  Sales book, 8237
BARTHOLOMEW, H. D.
  Drainage and sewerage, 236
  Map of St. Clair flats, 8035
———, J.
  Mich., Wis., Iowa and Minn., 7232
  Western states, 7264
Bartlett, C. H.
  La Salle in valley of St. Joseph, 237
Bartlit, S. M.
  Monroe and Ypsilanti railroad co.: Report, 5471
Bass
  Reighard: Breeding habits, 5944
Batchewanung land and mining co.
  Certificate stub-book, 8238
  Record book, 8239
Bates, A. B.
  [Memorial], 238
  See also Bates, Walker and Douglass
———, G. W.
  Negotiable instruments law, 239
[———, H. M.]
  Plan and purpose of Michigan union, 240
———, J.
  Autobiography, 241
  White: Early life and later experience and labors, 6895
———, Mrs. M. E. C.
  Along Traverse shores, 242
———, W. R.
  History, commercial advantages, and future prospects of Saginaws, 243
———, Walker and Douglass
  Mss., 8108
  Norton: Mss., 8107
  See also Douglass and Walker
Batrachia
  Evans: Collection of amphibians and reptiles from Gogebic co., 1620
  Smith: Catalogue of reptilia and amphibia, 6317
Battle Creek
  Charter and ordinances, 244-249
  College
    Calendar, 256
  Directories
    Bards and co.'s. business directory, 226
    Nedham: Battle Creek and Marshall city directory, 5533
    Polk & co.: Directory, 5760
  Grange aid association: [Prospectus], 1972
  Illustrated, 257
  Oak Hill cemetery
    Rules, 250
  [Postum cereal co. Advertising dept.: Journey through factories], 5853
  Public school library
    Catalogue, 251-254
  Sanitarium
    Description, 258, 952
    Kellogg: Battle Creek sanitarium diet list, 2493
    ———: Battle Creek sanitarium system, 2494
    ———: New method in diabetes, 2495

BATTLE CREEK—Continued
  - Way out of invalidism, 259
  - Word about physiologic method employed, 2495
- School of applied art
  - Instruction paper, 261, 262
- Schools
  - Course of study, 255
  - Michigan. Historical commission: Prize essays, 3804
- Sewerage
  - Clark: Sewerage and drainage, 691

Baxter, A.
- History of Grand Rapids, 263

Bay City
- Annual statement of finances, 264
- Bay City and Portsmouth street railway co.
  - Act of incorporation, 287
- Bay City times: Northeastern Michigan, 288
- Banks
  - [Craves]: Yesterday and today, 858
- Board of education
  - Annual report, 265
  - Manual, 266
  - Public schools, 267
- Chamber of commerce
  - Annual review, 268
- Charters and ordinances, 269-274
- Citizens
  - Report on business, 275
- Controller
  - Annual report, 276
- Description
  - [Craves]: Yesterday and today, 858
- Directories
  - Bard and co's. business directory, 226
  - DeLisle: Directory for 1868-9, 943
  - Polk & co.: Directory, 5761
  - Weeks & Polk: Bay City directory, 6848
- Electric light dept.
  - Annual report, 277
- Fire dept.
  - Annual report, 278
- History
  - History, commercial advantages and future prospects, 2144
  - Indian and pioneer history of Saginaw valley, 2291
- Industries
  - Bay City times: Northeastern Michigan, 288
  - Land: History and descriptive review, 2596
  - Marquis: Industries, 2895
- International mill and timber co., see International mill and timber co.
- Library association
  - Catalogue, 279
- Map
  - Mouth of Saginaw River including, by U. S. War dept., 7981
- Mayor
  - Message, 264, 280

BAY CITY—Continued
- Police dept.
  - Annual report, 281
- Public library
  - Catalogue, 282, 283
- Schools
  - Michigan. Historical commission: Prize essays, 3804
  - See also Bay City. Board of education
- Water dept.
  - Annual report, 285
- Young men's Christian association
  - Inter-church banquet, 286

Bay county
- Cooper: Geological report, 831
- Gansser: History, 1783
- Harris: Facts, 2057
- History, 2149
- History of Tuscola and Bay cos., 2172
- Map, by U. S. Postoffice dept., 7422
- [Map of] county of Bay, by Monroe & Learman, 7423
- Portrait and biographical record, 5847
- St. Andrew's society: Constitution, 289
- Surface geology, by W. F. Cooper, 7762, 7763
- Topographic map, by W. F. Cooper, 7764

Bay de Noquet and Marquette railroad co.
- Michigan. Auditor general's office: Communication transmitting report, 3110
- ———. Legislature. House. Committee on banks and incorporations: Report, 3987

Bayfield's North America, sheet IV: Lake Superior, 7915

Bayley, W. S.
- Menominee iron-bearing district, 290
- Van Hise: Description of Menominee quadrangle, 7790
- — ——: Marquette iron-bearing district, 6745
- — ——: Menominee special folio, 6746
- — ——: Preliminary report on Marquette iron-bearing dist., 6744

Bayley vs. McDonald
- Michigan. Legislature. House. Select committee: Reports relative to election case, 4307

Bay View
- [Boughton]: Bay View, 404
- [Detroit and Cleveland steam navigation co.]: Where to spend summer, 1403
- Souvenir, 6358

Bay View assembly
- Bulletin, 291
- Programs, 292

Beakes, S. W.
- Contested-election case, 293
- Past and present of Washtenaw co., 294

Beal, W. J.
- Branches of sugar maple and beech, 295
- Brief and popular account of trees and shrubs on M. A. C. grounds, 296
- Comparing yield of old meadows and recently seeded, 297

BEAL, W. J.—Continued
Experiments and observations on jack-pine plains, 298
Forest products of museum, 299
Hints for Arbor day, 300
History of M. A. C., 301
Lessons on growing forest trees, 302
Making a lawn, 303
Michigan. Academy of science: Report, 2972
——— flora, 304, 305
———. University. Class of 1859: Class of "fifty-nine," 5250
——— weeds, 306
Observations on leaves of clover, 307
Potatoes, ruta-bagas and onions, 308
Replies to questions about grasses, 309
Ribgrass, 310
Seeds of Mich. weeds, 311
Six worst weeds, 312
Study of beans and peas, 313
——— of plant leaves, 314
——— of seeds of timothy and red clover, 315
——— of wheat and buckwheat, 316
Two programs for arbor day, 317
Vitality of seeds buried in soil, 318
Wheeler: Sketch of original distribution of white pine in Lower Peninsula, 6888
Why not plant a grove?, 319
Beals, T. S.
Commercial, industrial and transportation interests of Detroit, 320
Beaman, T. C.
Michigan contested election, 321
Bean Creek valley
Hogaboam: Bean Creek valley, 2182
Bean-maggot
Whelan: Bean-maggot in 1915, 6891
Beans
Bissell: Mss., 8060
Cox: Bean growing, 848, 849
Muncie: Two Mich. bean diseases, 5504
Raven: Bean production, 5931
See also Vegetables
Beard, W.
Michigan. Legislature. House. Committee on ways and means: Report relative to claims for work, 4252
Beard's hist. and directory of Marquette county, 322
Beaubien, J. B.
Ledgers, 8240
Beaubien family
Mss., 8041
Beautiful Bloomfield hills, 323
Beautiful Detroit, 324
Beaver islands
Legler: Moses of Mormons, 2715
[Map of] Beaver Island group, by U. S. War dept., 7871
——— north end of lake Michigan including Beaver Island group, by U. S. War dept., 7898
Sketch of James Jesse Strang and Mormon kingdom, 6253

BEAVER ISLANDS—Continued
Strang: Beaver Island and its Mormon kingdom, 6425
———: Some remarks on natural history of, 6430
Wright: Lays of lakes, 7047
———: Ottawan, 7050
Bechler, G. R.
Map of Lenawee co., 7510
—— — Washtenaw co., 7577, 7578
—— — cos. of Washtenaw and Lenawee, 7584
Bechler and Wenig
Map of Calhoun co., by Geil, Harley & Siverd, 7433
Beck and Pauli
[Birds eye view of] Marquette, 7743
Becker, H.
Memorial, 325
Beckwith, H. W.
[Documents], 326
Historic notes on Northwest, 327
Illinois and Indiana Indians, 328
Bedford
Nedham: Directory, 5533
Beecher, F. A.
Cummins: Mich. judicature act, 880
Law of contracts, 329
—— — wills, 330
Michigan. Constitution: Annotated constitution, 3310
Michigan law and procedure in probate courts, 331
Michigan rule book, 332, 333
Beef
Henry: Beef journal, 8412
Henry & co.: Account of beef cattle, 8424
Norton: Baby beef production, 5569
See also Cattle
Bee-keeping
Cook: Wintering bees, 799
Millen: Foul brood, 5443
———: Transferring bees, 5444
Taylor: A year with bees, 6509
Beers, F. W., & co.
Atlas of Calhoun co., 7434
—— — Genesee co., 7452
—— — Ionia co., 7471
—— — Kalamazoo co., 7485
—— — Lapeer co., 7506
—— — Livingston co., 7515
—— — Oakland co., 7541
County atlas of Ingham, 7467
——— —— — Michigan, 7279
——— —— — Monroe, 7529
——— —— — Muskegon, 7535
——— —— — Shiawassee, 7568
Map of Montcalm co., 7532
Topographical map of Oceana co., 7543
——— —— — Sanilac co., 7565
——, J. B., & co.
Crawford: Atlas of Ionia co., 7472
— —, J. H., and co.
Hist. of Great Lakes, 334

BEETLES
  Hubbard: Coleoptera, 2249
Beet sugar
  Kedzie: Beet sugar, 2468
  See also Sugar beets; White Pigeon beet sugar company
Beets, H.
  Souvenir of quarter-centennial celebration of Lagrave St. Chr. Ref. church, 335
Before the blazing back-log
  [Tateum]: "Before the blazing back-log", 6505
Beghein, J. L.
  True copy of military reservation at Ft. Gratiot, 7852
Beginning and development of Catholicity in Dearborn, 336
Begole, J. W.
  [Mss.], 8241
  Marlette. Relief committee: [Letters and telegram relating to burned dist.], 8459
  Michigan. Governor: [Messages of and pardons by], 3725-3727
Belden, H., & co.
  Illustrated hist. atlas of co. of Kent, 7493
  ——— ——. ——— — —. of Wayne, 7589
Belding
  Polk & co.: Directory, 5772
Belknap, C. E.
  Hist. of Michigan organizations at Chickamauga, Chattanooga and Missionary Ridge, 337, 338
  Legend of trailing arbutus, 339
Bell, P.
  Map of British dominions in North America, 7102
Belle Isle
  Advisability of purchasing, 16
  Dietsche sight seeing autos, 1509
  See also Detroit
Bellevue
  Nedham: Directory, 5533
Bellin, [J. N.]
  Partie occidentale de Nouvelle France ou du Canada, 7092
Bellinger, D.
  [Kaler]: At siege of Detroit, 2462
Belmont
  Polk & co.: Directory, 5763
Bemis, E. W.
  Local government in Mich., 340
Bench and bar
  Reed: Bench and bar of Mich., 5941
Benedict, E. D.
  Hist., by-laws and roster of De Molai commandery, K. T., Grand Rapids, 341
Benevolent and protective order of Elks
  Souvenir, 342
Benevolent fraternity
  National benevolent fraternity: By-laws, 5524

BENNETT, C. W.
  Historical sketches of Ninth Michigan infantry, 343
———, E. H.
  Detroit. City plan and improvement commission: Preliminary plan of Detroit, 1096
  [illegible]
  ———: Report on center of arts and letters, 1098
———, R. J.
  Law of negotiable paper, 344, 345
Benton, E. J.
  Wabash trade route, 346
———, T. H.
  Buchanan: Speeches on bill to admit Mich., 480
Benton Harbor
  College
    Annual, 349
  Directory
    Polk & co.: Directory, 5762
  First Baptist church. History
    Miscellaneous mss., 8172
  First Sunday school. History
    Miscellaneous mss., 8172
  High school
    [Annuals], 347
  History
    Pender: History, 5693
  Map
    St. Joseph & Benton Harbor, by U. S. War dept., 7957
  Ordinances, 348
  Schools
    Michigan. Historical Commission: Prize essays, 3804
Benzie county
  Buckley & Douglas lumber co.: Few facts about farm and fruit lands, 482
  Ogle & co.: Standard atlas, 7424
  Traverse region, 6580
Benzonia college
  Catalogue, 350
  Walker: Experiences of pioneer life in early settlements and cities of West, 6790
Berger, E. F.
  Patten: Commercial feeding stuffs, 5662
Berrien, J. M.
  Survey of mouth of Galien River, 7971
Berrien county
  Agricultural society: Premium list, 351
  Coolidge: History, 818
  Cowles: Directory and history, 845
  Farm journal directory, 1638
  History, 2150
  Lake: Atlas, 7425
  Map, by Geil, Harley & Siverd, 7440
  ——, by U. S. Postoffice dept., 7426
  Michigan. Legislature. Senate. Committee on incorporations: Report relative to Berrien co. mutual insurance co., 4512

BERRIEN COUNTY—Continued
——————. ——————. ————. Committee on towns and counties: Report on county seat, 4694
Noel: Souvenir of 40th annual picnic, Berrien co. old settlers association, 5554
[Papers relating to transfer of land in Berrien, Ionia and Ottawa cos.], 8242
Polk & co.: Directory, 5762
Portrait and biographical record, 5826
Sibley: Mss. [relating to lands], 8175

Berrien Springs, 352

Berries
Dean: Notes on small fruits, 936

Berry, C. S.
[Michigan. State teacher's association. Committee on educational investigations]: Study of retardation, acceleration, elimination and repetition, 5114

——, J. I.
Delta co., 7448

——, J. G.
Michigan. Board of state canvassers: Papers in removal, 3227
Reunion, 16th Mich. infantry, 353

——, J. K. M.
Obstacles to higher education in U. of M., 354

——, W.
North America, 7078

Bertram, J.
Hill: Pine industry, 2116

Bessemer
Gordon: Geol. sec. from Bessemer down Black River, 1831

Bessey, E. A.
Seed analyses, 355
Some ginseng troubles, 356
Yellow rocket, 357

Bibliographies
Bradley: Material on institutional history of Northwest, 427
Campbell: Hist. of chemical laboratory, U. of M., 564
[Goss]: Published material relating to history of Grand Rapids, 1833
Hegner: Periodical literature and publications of learned societies of interest to zoologists in U. of M. library, 2096
Lee: Bibliography of Carver's travels, 2708
Michigan. Schoolmasters' club: List of books recommended for high school classical library, 4837, 4838
————. State board of health: Quarter-century of public health literature, 4915
————. State library: [Bibliography], 5008
[Schoolcraft]: Bibliographical catalogue of books and other publications in Indian tongues, 6160
Vaughan: Writings of A. B. Prescott, 33

BIBLIOGRAPHIES—Continued
Winchell: List of books and papers published by Prof. Alexander Winchell, 6976
See also Libraries; Michigan. State board of library commissioners

Bi-centenary of founding of Detroit, 358

Bicycle routes
White: Bicycle routes in Mich., 6897
See also League of American wheelmen. Michigan division

Biddle, J.
[Communication transmitting abstract of votes on ratification of constitution of 1835], 359
Discourse, 360
Michigan. Historical society: History and scientific sketches of Mich., 3807

Big Dane settlement
Rasmussen: Pioneer life, 5927

Bignall, S. L.
Michigan. Legislature. House. Special committee: Reports of committee to whom was referred petition to be admitted to seat, 4364

Big Rapids
Charter, 361
Description
[Seely & Lowrey]: Big Rapids, 6199
Directories
Bailey: Gazeteer including sketch and business directory, 186
Polk & co.: Directory, 5763
Polk, Murphy and co.: Directory, 5790
Ordinances, 362
Phelps free library
Finding list, 363

Bill and Bonnell families
Detroit tribune: [Scrap-book for genealogy], 1491

Billings, R.
Official map of Michigan, 7325

Bills of exchange
Bunker: Negotiable instruments law, 492

[Bingham, H. D.]
Hist. of substitution of imprisonment for death penalty, 364

————, K.
Michigan. Governor: [Messages and communications], 3662-3669

[————, S. D.]
Mich. biographies, 365

Biographical history of Genesee co., 366
——————— ———— — northern Mich., 367
——————— memoirs of St. Clair co., 368

Biographical publishing co.
Biographical record, Houghton, Baraga and Marquette cos., 369
——————— ————, Oakland co., 370
Portrait and biographical record of Berrien and Cass cos., 5826
———— —— ——————— ———— — Muskegon and Ottawa cos., 5842
——— —— ——————— ———— — Saginaw and Bay cos., 5847

BIOGRAPHICAL PUBLISHING COMPANY—Continued
——— — ———— album of Washtenaw co., 5850
Biographical record, Houghton, Baraga and Marquette cos., 369
———— ———, Oakland co., 370
Biographical sketch of Rev. George Duffield, jr., 371
Biographical sketches of Col. J. H. McLaughlin, 372
Biographical sketches
  Abbot, Dr. T. C., 716
  Alger, R. A., 3965, 6316, 6648
  Anthon, G. C., 8134
  Avery, E. M., 5998, 6441
  Bagley, J. J., 568, 2205
  Baldwin, F. A., 204
  Bliss, A. T., 3960
  Boltwood, L. M., 6228
  Bulkley, J. M., 8176
  Cadillac, A. de la M., 531, 8129
  Cass, L., 6248
  Chandler, Z., 6638, 6639
  Chipman, J. L., 6644, 6645
  Cocker, B. F., 6977
  Doty, H., 159
  Drake, E. H., 2952
  Duffield, G., jr., 371
  Dufur, H. M., 372
  Dunster, E. S., 5715
  Durant, W. C., 5449
  Eaton, J. D., 6089
  Fairbank, H. C., 6249
  Fairbanks, Mrs. M. A. R., 6250
  Farnsworth, E., 567
  Ferris, Mrs. N. G., 1686
  Ford, M. H., 6643
  Foster, W. D., 6307
  Fowler, S. W., 1740
  Haven, E. O., 6978
  Hemans, L. T., 3805
  Heyerman, O. F., 5438
  Hill, A., 157
  Horner, J. S., 2956
  Houghton, D., 6971
  Hull, W., 705
  Jones, D., 2421
  Joy, J. F., 6049
  Loud, H. M., 2108
  Luce, C. G., 3947
  McLaughlin, J. H., 372
  McMillan, J., 3948, 6647
  ————, W. C., 6251
  Moffatt, S. C., 6640, 6641
  Murphy, S. J., 6244
  Nicolet, J., 542
  Palmer, T. W., 533
  Peirce, P. R. L., 5713
  Peter, J. W., 2380
  Prescott, A. B., 33
  Richard, G., 1592
  Romeyn, T., 6009
  Scott, J., 8126
  Shoemaker, M., 6252
  Slocum, Mrs. S. T., 6772

BIOGRAPHICAL SKETCHES—Continued
  Stockbridge, F. B., 6646
  Strang, J. J., 6253
  Trowbridge, C. C., 566
  Walker, J., 2040
  Watson, E., 2738
  Wedemeyer, W. W., 6649
  White, Mr. and Mrs. J., 440
  Williams, A. S., 1992, 6637
  ————, G. P., 570
  ————, S. P., 6137
  Winchell, A., 1800
  Woodbridge, Mrs. J. T., 2939
  Woodward, A. B., 5474
  Wyman, H. C., 6291
  See also Michigan. Biographies; co. histories under names of counties
Biography of Gen. L. Cass, 373
Biographies
  Bates, Autobiography, 241
  Biography of L. Cass, 373
  Boughton: Selections from autobiography of Rev. J. M. Arnold, 403
  Brown: Autobiographical notes by E. L. Brown, 464
  ———: Memoir of H. B. Brown, 468
  Bunn: Life and adventures, 493
  [Burroughs adding machine co.]: W. S. Burroughs, 506
  Burton: First homoeopathic physician [Dr. John Mosher], 511
  Campbell: Revolutionary services and civil life of Gen. W. Hull, 572
  Cooper: Life of D. Bacon and A. P. Bacon, 825
  Copway: Life, history and travels, 836
  De Schweinitz: Life and times of David Zeisberger, 951
  Detroit post and tribune: Z. Chandler, 1469
  Dionne: G. Richard, 1518, 1519
  Dudley: Autobiography, 1552
  Forestié: Lamothe-Cadillac, 1732
  Hamilton: Incidents and events in life of G. S. Hubbard, 2026
  Harris: Public life of Z. Chandler, 2062
  Haven: Autobiography, 2087
  Hoyt: J. D. Pierce, 2237
  Hubbard: Autobiography, 2248
  Jackson: Life of W. H. Harrison, 2353
  Lane: H. Ford's own story, 2612
  Lanman: Life of W. Woodbridge, 2616
  Leeth: Short biography, 2713
  Life of Gen. L. Cass, 2739, 2740
  McLaughlin: L. Cass, 2847-2851
  Meginness: Biography of F. Slocum, 2938
  Orcutt: Burrows of Mich., 5607
  Palmer: Life of A. F. Palmer, 5631
  Parish: G. W. Jones, 5637
  Perry: L. H. Stone, 5709
  Phelps: F. Slocum, 5730
  Pilcher: Life and labors of E. H. Pilcher, 5741

BIOGRAPHIES—Continued
  Pokagon: O-gi-mäw-kwe Mit-i-gwä-ki; biography of Chief by publisher, 5756, 5757
  Porter: H. H. Porter, 5808
  Public life of L. Cass, with biographical sketch of Gen. W. O. Butler, 5892
  Rice: David Zeisberger, 5968
  Richardson: War of 1812; with notes and life of author [John Richardson], 5974
  Richter: Secrets of taxidermy revealed; life of Wm. Richter, 5977
  Rogers: Ponteach; with biography of author, 6008
  [Schoolcraft]: Outlines of life and character of L. Cass., 6177
  Smith: St. Clair papers; life and public services of A. St. Clair, 6318
  ———: Life and times of L. Cass, 6319
  Stephenson: Recollections of a long life, 6396
  Verwyst: Life and labors of Rt. Rev. F. Baraga, 6758
  Walker: Campaigns of Gen. Custer in Northwest and surrender of Sitting Bull, 6792
  Ward: Autobiography of D. Ward, 6796
  Wenley: Life and work of G. S. Morris, 6862
  White: Early life and later experience and labors of Elder J. Bates, 6896
  ———: Sketches of Christian life and public labors of W. Miller, 6895
  Whittaker: Popular life of Gen. G. A. Custer, 6914
  Williams: P. White, 6955, 6956
  Young: Sketch of life and public services of Gen. L. Cass, 7057, 7058
  See also Biographical sketches; Michigan. Biographies

Biology
  Adams: Ecological survey in northern Mich., 6
  Michigan. Geological and biological survey: Biennial report, 3577
  Parke, Davis & co.: Fifty years of manufacturing, 5640
  Ward: Biological examination of Lake Michigan, 6799
  See also Michigan. Geological and biological survey

Bird, J. S.
  City of Coldwater, 7614
  Map [of] Jackson, 7730

Bird day
  Michigan. Dept. of public instruction: Arbor and bird day, 3357

Birds
  Adams: Ecological survey of Isle Royale, 7
  Barrows: Mich. birds, 233, 234
  Boies: Catalogue of birds in southern Mich., 394
  Butler: Hist., work and aims of Mich. Audubon society, 540
  Cook: Birds of Mich., 780, 781

BIRDS—Continued
  ———: English or house sparrow, 800
  Detroit. Audubon club: Constitution, 968
  Michigan. Ornithological club: Bulletin, 4783
  Pearse: Crawfishes. Insect galls. Birds, 5686
  Watkins: Mich. birds that nest in open meadows, 6818
  Wood: Notes on birds of Au Sable valley, 7021
  ———: Notes on spring migration (1907) at Ann Arbor, 7023
  ———: Some new and rare bird records for Mich., 7024
  ———: Some records of fall migration of 1906, 7025
  ———: Twenty-five years of bird migration at Ann Arbor, 7026
  See also Michigan. Audubon society

Birmingham, 374
  Dau's blue book, 913

Births
  Michigan. Laws, statutes, etc.: Laws relating to registration, 3835
  ————. ——, ————, ——.: Laws concerning record, return and compilation, 3906
  See also Marriage and divorce; Michigan. Census; Michigan. Statistics, vital

Bishop, L.
  McCracken: License movement, 2809
  Michigan. State teachers' association: Memorial, 5110
  Miscellaneous mss., 8122
  Political situation, 375

Bissell, C. L., and co.
  Mss., 8060, 8099, 8100, 8102, 8110, 8111

———, L. B.
  Presbyterian pulpit, 5870

———, M. E.
  Diaries, 8243

Bixby, Mrs. A. F.
  Historical sketches of Ladies' library associations, 376

Black, C. A.
  Michigan. Commission on vagrancy, disorderly conduct, habitual drunkenness, etc.: Minor offenses, 3268

———, C. P.
  Does Mich. properly punish crime?, 377
  Michigan. Laws, statutes, etc.: Compiled laws, 3844

Blackberries
  Taft: Raspberries, blackberries, grapes, 6475

Blackbird, A. J.
  History of Ottawa and Chippewa Indians, 378
  Indian problems, 379

Blackbird
  [Troop]: Blackbird, a story of Mackinac Island, 6585

Black fly, 380

BLACK HAWK WAR
Thwaites: How G. R. Clark won Northwest and other essays, 6535
Williams: Mss., 8125

Black Lake
[Map of] Holland Harbor and Black Lake, by U. S. War dept., 7943
Pere Marquette railroad co.: Ottawa beach, 5702

Blades, F. A.
Detroit. Controller's office: Comparative statistics, 1116
———. ——— ———: Comparative table, 1117
Driving first stake for capitol, 381

Blain, A. W.
Map of Elmwood cemetery, Detroit, 7647

Blaine, J. G.
Michigan. Legislature: Memorial, 3952

Blair, A.
Michigan. Governor: [Messages and communications], 3673-3685
———. Legislature. House. Committee on the judiciary: Report on extension of suffrage to colored persons, 4118
Patton: Address at unveiling of statue, 5674

———, E. H.
Indian tribes of Upper Mississippi valley, 382

Blaisdell, T. C.
Renaissance of denominational college, 383
Semi-centennial celebration of M. A. C., 384

Blanchard, J. C.
Smith: Full and complete description of centennial celebration in Manistee, 6265

———, R.
Colton's guide map of Michigan, 7269
Discovery and conquests of Northwest, 385, 386

———, W. Z.
Michigan. Legislature. Senate. Committee on the judiciary: Report of committee to whom was referred petition to alter collection law that debtor shall not possess advantage over creditor, 4551

Bland, J. E.
Michigan. Legislature: R. A. Alger, 3965

Blatch, H. S.
Rembaugh: Political status of women in U. S., 5946

Blesch, A. F.
Contract with O. H. Schneider & co., 8244

Blind, see Defective and delinquent classes; Michigan. Asylum for the deaf, dumb and blind; Michigan. Asylums; Michigan. Employment institution for the blind; Michigan. School for the blind

BLISS, A. T.
Michigan and her public institutions, 387
Michigan. Governor: [Messages], 3761-3763
———. Legislature: Memorial, 3960
[Scrap-book of campaign], 6193

———, A. N.
Federal land grants for internal improvements, 388

———, E. F.
Zeisberger: Diary, 7072

———, G.
Michigan southern and northern Indiana railroad co.: Letter to stockholders, 5414

———, S.
White: Sketches of Christian life and public labors of W. Miller, 6896

Blois, J. T.
Gazetteer, 389-391

Bloomer, H. B.
Michigan. Laws, statutes, etc.: Michigan corporation law, 3846

Bloomfield
Beautiful Bloomfield hills, 323

Bloss, J. B.
Special taxation of liquor traffic, 392

Blowe, D.
Geographical, commercial and agricultural view of U. S., 393

Blue sky law, see Corporation law; Investment companies

Bogs
Transeau: Bogs and bog flora of Huron River valley, 6563

Bogue, E. E.
Forestry problem, 1733

Boies, A. H.
Catalogue of birds in southern Mich., 394

Bolks, S.
Van Raalte: De toestand der Hollandsche kolonisatie in Michigan, 6748

Bolt, R. A.
Juvenile offenders in Detroit, 395

Boltwood, L. M.
Sheldon: L. M. Boltwood, 6228

Bonds
Michigan. Legislature. Senate. Select committee: Report of committee to investigate alleged misapplication of part paid bonds said to have been paid by Mich. southern railroad co., 4703
See also State bonds

Bonner, R. I.
History of Adrian, 396
Knapp: Illustrated hist. and biographical record of Lenawee co., 2556
Memoirs of Lenawee co., 397
Whitney: History and biographical record of Lenawee co., 6913

Bonney, C. C.
Rules of law for carriage and delivery of persons and property by railway, 398

Boot and shoe business
Farnsworth: Memorandum book, 8395

BOOTH, E. W.
Survey of charities and philanthropies of Grand Rapids, 399
———, **G. G.**
Cranbrook press, 400
———, **J. C.**
Geological and topographical map of mineral district of Lake Superior, 7840, 7841
Bordner, J. S.
Influence of traction on formation of mechanical tissue in stems of plants, 401
Botany
Adams: Ecological survey of Isle Royale, 7
Beal: Michigan flora, 304, 305
———: Observations on leaves of clover, 307
———: Study of plant leaves, 314
Bradford: Brief hist. and outline of work done by botanical club at M. A. C., 421
Burns: Bog studies, 501
———: Preparation for field work, 502
———: River studies, 503
Cowles: Ecological relations of vegetation on sand dunes of Lake Mich., 846
Davis: Field work, 927
———: Wood-lot studies, 929
Farwell: Mich. novelties, 1673
———: Notes on Mich. species of polygonatum, 1674
[Hubbard]: Geological survey [Michigan], 2244
Lane: Geological report on Huron co., 2599
Michigan. Academy of science: Report, 2972
———. Geological survey: Annual report, 3559
———. ——— ——— ———: First biennial report, 3565
Sargent: Crataegus in southern Mich., 6139
Transeau: Bogs and bog flora of Huron River valley, 6563
Wheeler: Catalogue of phaenogamous and vascular cryptogamous plants, 6884
Whitford: Genetic development of forests of northern Mich., 6906
Bottle charts
Harrington: Currents of Great Lakes, 2053, 2054
Boudeman, D.
Michigan. Political science association: City government, 4792
Boughton, C.
Petition, 402
———, **Martha A.**
Selections from autobiography of Rev. J. M. Arnold, 403
[———, **Mattie A.**]
Bay View, 404
Boulton, W.
Complete hist. of Alpena county, 405, 406
Souvenir of Alpena, 407
Boundaries, see Michigan. Boundaries

BOUNTIES, see Civil war
Bouquet's expedition, 1764
Cort: Col. H. Bouquet, 839
[Smith]: Historical account of expedition against Ohio Indians, 6314, 6315
Whittlesey: Papers relating to expedition, 6918
Bourland, B. P.
Walter library, 408
Bours, A. L.
History of Michigan, 409
Inaugural proceedings, 410
Michigan. Board of state building commissioners: Proceedings at laying of corner stone, 3226
Bouyoucos, G. J.
Effect of temperature on soils, 411
Freezing point method as means of determining acidity and lime requirements of soils, 412
Freezing point method as means of measuring soil solution, 413
Further studies on freezing point lowering of soils, 414
Investigation of soil temperature, 415
Soil temperature, 416
Bovee, F. N.
Lansing, 417
Bowen, A. W., & co.
City of Grand Rapids, 680
———, **B. F., & co.**
Automobile and sportsmen's guide, 418
Biographical history of Genesee co., 366
——— ——— — northern Michigan, 367
——— memoirs of St. Clair co., 368
Deland: Hist. of Jackson co., 942
Michigan state atlas, 7367
Wheeler: History of Wexford co., 6889
———, **E.**
Accurate map of North America, 7103
———, **H.**
Mss., 8197
———, **W. P.**
Michigan. Dept. of public instruction: Physical training, 3413
Bowers, L.
Powers: Numerous railway cos. vs. Perry F. Powers, 5864
Bowman, J.
Clark: Col. G. R. Clark's sketch, 696
Boylston club; fourth season, 419
Boyne City, Gaylord and Alpena railroad
Abbott: Facts about Michigan particularly that part tributary to the line of B. C. G. & A. R. R., 2
Boyne Falls
Polk & co.: Directory, 5763
Boynton, N. S.
Maccabees, 420
Boys' and Girls' clubs
Michigan. Agricultural college. Dept. of agricultural education: Junior agricultural association, 3007
———. Dept. of public instruction: Juvenile corn growing associations, 3394

BOYS' AND GIRLS' CLUBS—Continued
  See also Clubs; Michigan. Agricultural college. Extension division
Boys' reform school, see Michigan. Industrial school for boys
Bradford, G. M.
  Brief hist. and outline of work done by botanical club at M. A. C., 421
———, J. B.
  Petition for revision of Detroit charter, 422
———, T. G.
  Michigan and Great Lakes, 7167
  Michigan, in Bradford's Atlas, 7186
———, W. J. A.
  Notes on Northwest, 423
Bradish, A.
  Memoir of Douglass Houghton, 424
  Remarks on fine arts dept., U. of M., 425
  Mss., 8197, 8199
Bradley, A., jr.
  Map of U. S. exhibiting post-roads, situations, connexions and distances of post-offices, 7128
———, C. P.
  Journal, 426
———, I. S.
  Available material for study of institutional history of Northwest, 427
  Turner: West as field for history study, 6603
Bradrick, C. W.
  Michigan. Laws, statutes, etc.: Laws relating to women, 3940
Bradstreet, Col.
  Hough: Diary of siege of Detroit, 2211
Bradstreet's book of commercial ratings, 428
Bradstreet's expedition, 1764
  Whittlesey: Papers relating to expedition, 6918
Bradway, President
  Detroit. Real estate board: Inaugural address, 1335
Brady, H.
  Duffield: Veteran hero, 1556
Brady & co.
  Bank books, 8245
  Check stub-books, 8246
  Index book, 8247
  Journal, 8248
  Letter book, 8249
  Sales book, 8250
Brady family
  Mss., 8115, 8180
Brady guards
  Detroit. Brady guards: Constitution, 1036
Bramhall, F. J.
  Facts and figures, 429-431
  Michigan central railroad co.: Detroit, 5374
  Summer days, 432
  Summer note-book, 433
Brampton
  Polk & co.: Directory, 5767
BRANCH COUNTY
  Collin: History, 712
  [Johnson]: Hist. of Branch co., 2406
  Lake: Atlas, 7428
  Map, by Geil & Jones, 7427
  ——, by U. S. Postoffice dept., 7429
  ——, showing territory within which marl deposits of Mich. Portland cement co. are located, 7431
  Michigan. Commissioners to review the county seat of Branch co.: Report, 3280
  ———. Geological survey: Report in relation to iron ore on school section, 3567
  ———. Legislature. Senate. Committee on towns and counties: Report of committee to whom was referred bill to establish seat of justice, 4695
  Ogle & co.: Standard atlas, 7430
  Portrait and biographical album, 5827
Brant, L. A.
  Michigan. Legislature: Memorial proceedings for Gen. Sherman, 3961
Breakey, W. F.
  Ann Arbor medical club: Banquet, 132
  Unsanitary methods, 434
Break o'day
  Howe: Break o'day, 2225, 2226
Breakwaters
  Patrick: Some damage by lake storm, 1913, 5658
Brearley, W. H.
  Detroit evening news: Grand pleasure excursions, 1440
Breitmeyer, P.
  Mss., 8168, 8169, 8190
Brenkert, J. W., & co.
  Street car map of D. U. R., 7999
Brett, W. H.
  School and library, 435
Brewer, J. H.
  Michigan. Constitutional convention: Proceedings, 3326
———, M. S.
  Speeches, 436
Brewster, C. B.
  [Trowbridge]: Tributes to his memory, 6590
Bridges
  Michigan bridge and construction co., 5365
  Michigan. Highway dept.: General specifications for steel and concrete bridges, 3793
  ———. Laws, statutes, etc.: Laws relating to highways and bridges, 3875
  ———. Legislature. House. Committee on roads and bridges: Report on memorial of L. Ives for authority to maintain bridge at Springwells, 4224
  Tollman: Petition asking laws be amended to allow overseers of highways be appointed and appropriations for roads and bridges be made at noon on election days, 6553

BRIDGMAN, E. C.
  County and railroad township map of Mich., 7280
Brief examination of projected system of internal improvements, 437
Brief history of Mich., 438
Brief military record of F. D. Baldwin, 439
Brief sketch of Mr. and Mrs. J. White, 440
Brinton, Mrs. B.
  "Our boys", 441
Brion de la Tour, [L.]
  Carte des Etats-Unis de l'Amérique septentrionale, 7109
Bristol, T. W.
  Houghton: Reports, 2214
  Map of mineral region of south shore of Lake Superior, 7836
British free trade
  [Stebbins]: British free trade a delusion, 6388
British museum
  French-Indian war, 8251
[British North American mining co.]
  Report, 442
Britton and Gray
  Ontonagon and state line, 443
Brockway
  Meech: Port Huron and St. Clair co. directory, 2935
Brockway Centre
  Meech: Port Huron and St. Clair co. directory, 2935
Brodie, W.
  Address before State medical society, 444
Bromme, T.
  Michigan, 445
Brondige, J. E.
  Pontiac. Ordinances, etc.: Revised ordinances, 5800
Bronson, W.
  Michigan. Legislature. House. Committee on internal improvement: Report upon petition, 4092
Brooks, Rev. C.
  Mss., 8163
———, J. W.
  Reply concerning comparative rates, 446
  Report on merits of Mich. central as investment, 447
———, N. W.
  Miscellaneous mss., 8201
  Woodbridge: Memorial for relief against taxes and other burthens in 9th ward, Detroit, 7032
———, S.
  Kalamazoo college: Historical catalogue, 2453
———, T. B.
  Analysis of cost and description of methods of mining in Marquette region, 448
  Atlas accompanying report on iron-bearing rocks, 7814
  Iron-bearing rocks, 449, 450
  L'Anse, 451
BROOKS, T. B.—Continued
  Michigan. Geological survey: Upper Peninsula, 3576
  Use of magnetic needle, 452
Broomfield, A.
  Michigan. Laws, statutes, etc.: Compiled laws, 3844
Brosseau, Mrs. A. J.
  Daughters of the American revolution. Michigan: Report of gifts, 917
Brown, C. B.
  Volney: View of soil and climate of U. S., 6771
———, C. E.
  Annual directory of Saginaw valley, 453
  Directory of Adrian, 454
  ——— — Port Huron, 455
  ——— — St. Louis, 456
———, C. R.
  Govt. of Mich., 457, 458
  Michigan circuit court reporter, 459
  Michigan nisi prius reports, 460
  Old Northwest Territory, 461
———, C. W.
  Keeping qualities of butter, 462, 463
———, D. W.
  Michigan. Constitutional convention: Debates, 3319
———, E. L.
  Autobiographical notes, 464
———, E. O.
  Two missionary priests at Mackinac, 465
———, F. J.
  Michigan's brigade, 466
———, G.
  Detroit. Board of education: Manual, 1004
———, G. A.
  Pork production, 467
———, G. P.
  Marquette. Charters: Charter, 2885
———, H. B.
  Memoir, 468
  Memorial address, 469
———, L.
  [Michigan. Governor: Communication submitting papers relating to arrest], 3585
———, M. L.
  [Map of] Wayne co. and part of Oakland and Macomb, 7601
———, M. R.
  Michigan, 7315
———, S. B.
  Free masons. Michigan. Grand lodge: Memorial service, 1761
  History of Ransom township, 470
———, S. R.
  Views on Lake Erie, 471
  Western gazeteer, 472
———, T. W.
  Michigan. Courts: Rules of practice, 3340
———, W. E.
  Indian legendary poems, 474

BROWN, SMYTH AND NICHOLS
Directory of East Saginaw and South Saginaw, 473
Browne, B. V. L.
Easter in children's ward, 475
Story of children's ward, 476
Brownell, C. H.
Michigan. State board of fish commissioners: Minute upon death, 4882
Browning, F. P.
Cash book, 8252
Day books, 8253
Journals, 8254
Ledgers, 8255
————, **F., estate**
Clark: Mss., 8187
Brule, E.
Butterfield: Hist. of Brulé's discoveries, 541
Brule River
King: Trouting on Brulé River, 2531, 2532
Brummelkamp, A.
Holland in Amerika, 477
Brunner, A. W.
Preliminary report for city plan for Grand Rapids, 478
Brush, E. A.
In memoriam, 2304
——, **E. E.**
In memoriam, 2305
——, **E.**
Trowbridge: Mss., 8158
Wilkinson and Post: Mss., 8159
Bruske, A. F.
Hist. of Alma college, 479
Brydges, C. J.
Detroit and Milwaukee railroad company: Mortgage, 1411
Buchanan, J.
Speeches on bill to admit Michigan, 480
Buchon, J. A. C.
Carte, géographique, statistique et historique de Territoire Michigan, 7144
Buck, A.
Cash book, 8256
——, **W.**
Michigan. Legislature. Senate. Committee on claims: Report of committee to whom was referred petition of, 4450
Buckingham, J. S.
Eastern and western states, 481
Buckley, Rev. J. M.
Haven: Autobiography, 2087
Buckley and Douglas lumber co.
Few facts about farm and fruit lands in western Mich., 482
Buckwheat
Beal: Study of wheat and buckwheat, 316
Budget, see Michigan. Budget
Buel, A. W., see Buel and Trowbridge
Buel and Trowbridge
Mss., 8188
Buell, J.
One woman's work, 483

BUGLE blast, 484
Builders of better Detroit, 485
Building and loan associations
Michigan. Dept. of state: Report, 3523
————. Laws, statutes, etc.: Laws relating to, 3836
Provident building, loan and savings society, 5888
See also Michigan. Building and loan association league; Michigan. Building and loan association
Building association
Chipman: Petition for act incorporating, 672
Building laws
Bulkley: Building laws and ordinances of Detroit, 486
Michigan. Laws, statutes, etc.: Housing code, 3876
Building supplies, see Brady & co.
Buildings
Michigan. State board of health: Examination of plans for public buildings, 4895
Bulkley, H. C.
Building laws of Detroit, 486
———, **J. M.**
Biographical sketch of in Miscellaneous mss., 8176
Early French settlements on Great Lakes, 487
History of Monroe co., 488
River Raisin monuments, 489
Bull, H. A.
Michigan. Political science association: Papers and addresses on primary reform, 4794
Bullen, E. L.
Grand Rapids. Ordinances, etc.: Ordinances, 1911
Bull Run
Lyster: Recollections of Bull Run campaign, 2790
[**Bumphrey, M. H.**]
Soc. of Mich., New York veterans, 490
Buncher, C.
Catalogue, 491
Bunker, R. E.
Negotiable instruments law, 492
Bunn, M.
Life, 493
Burbank, J.
Godfroy family: Mss., 8049
Burch, E. P.
Telephone rates in Detroit, 494
——, **N. H.**
Gazetteer, 495
——, **Polk & co.**
Grand Rapids directory, 496
Burgess, C. H.
Small poultry house, 497
Burkart, J. L.
Michigan. State board of health: Report of tuberculosis survey, 4923
Burlington
Nedham: Directory, 5533

BURNET, J.
  Notes on Northwest Ter., 498, 499
Burnett, T. P.
  Michigan (Ter.) Legislative council: Report, 5356
Burnham, E.
  Rural school efficiency in Kalamazoo co., 500
———, J. K.
  Burnham vs. Interstate casualty co. of N. Y., 8257
Burns, G. P.
  Bog studies, 501
  Otis: Michigan trees, 5617
  Preparation for field work, 502
  River studies, 503
——, R.
  St. Andrew's society: Anniversary of birth, 6102
Burr, A. R.
  Michigan. Legislature. Senate. Committee on finance: Report relative to memorial, 4473
——, D. H.
  Michigan, 7156
  Map of northern parts of Ohio, Indiana and Illinois with Mich., and part of Ouisconsin Ter., 7174
  ——— — Mich. and part of Wisconsin Ter., 7188
  ——— — Mich. and Wisconsin, 7189
  ——— exhibiting country between lakes Mich. and Erie . . . contested boundary lines, 7382, 7383
Burrows, J. C.
  Centennial celebration of evacuation of Detroit, 625
  Detroit tribune: [New Year's greetings], 1489
  Orcutt: Burrows of Mich., 5607
  [Smith]: J. C. Burrows, 6303
  [———]: Why J. C. Burrows should be expelled from U. S. Senate, 6304
Burroughs adding machine co.
  Collins: Through the Burroughs plant, 743
  Instructions for operating, 504, 505
  W. S. Burroughs, 506
[**Burt, H. A.**]
  Marquette and Mackinac railroad, 507
——, J.
  Niagara Falls ship canal, 508
——, W. A.
  Geological map of district of township lines in Northern Peninsula, 7813
  Houghton: Reports, 2214
Burton, C. H.
  Beginnings of homoeopathy in Detroit, 510
  First homeopathic physician, 511
———, C. M.
  Building of Detroit, 512, 513
  "Cadillac's village," 514
  Chapter in history of Cleveland, 515
  [Chronological notes on U. S. history], 8258

BURTON, C. M.—Continued
  Compendium of hist. and biog. of Detroit and Wayne co., 759
  [Court and other records], 8259
  Detroit bound to be big city, 516
  ——— in earlier days, 517
  Detroit. Historiographer: Annual report, 1191
  ———. ——————: History of Detroit, 1192
  Detroit, 1814-60, 8260
  [——— in 1825-27], 8261
  [——— — 1833-35], 8262
  [——— — 1835-37], 8263
  ——— — 1836, 8264
  [——— — 1842-43], 8265
  [——— — 1843-45], 8266
  [——— — 1884-45], 8267
  ——— — 1849, 518, 8268
  [——— — 1850-54], 8269
  [——— — 1900], 8270
  Detroit in revolution, 519
  ——— prior to fire of 1805, 7622
  ——— rulers, 520
  Diary of Detroit, 8271
  Dodge: Narrative during captivity at Detroit, 1532
  Early Detroit, 521
  Ephraim Douglass, 522
  Excursion into early records of Detroit, 523
  Frustrated land grab, 524
  [History of Griswold street], 525
  Historical memoranda of Territory of Mich., 2136
  In footsteps of Cadillac, 526
  John Connolly, 527
  Journal of Pontiac's conspiracy, 2425
  Journal of trip in 1904, 8272
  [La Salle and the Griffon], 528
  Laws governing execution and recording conveyances, 529
  List of streets in Detroit, 530
  Mss., 8129, 8170, 8191
  ——. from Burton historical collection, 2877
  Michigan (Ter.) Commission on land titles: Governor and judges journal, 5331
  Protestant orphan asylum of Detroit, 8273
  Ross: Landmarks of Wayne co. and Detroit, 6032
  Shandean club, 8274
  Sketch of life of Antoine de la Mothe Cadillac, 531
  Society of colonial wars. Michigan: Historical papers, 6325
  ——— — ——— ——. ———: Paul Revere of West, 6327
  Utley: Michigan as province, territory and state, 6733
Burton's abstracts, reports and statistics, 532

BURTON, M. A.
Journal of Pontiac's conspiracy, 2425
Keep: Guide to Detroit, 2489
Mss. from Burton historical collection, 2877
Michigan (Ter.) Commission on land titles: Governor and judges journal, 5331
T. W. Palmer, 533

Burton genealogy
Mss., 8050

Bush, C. P.
Michigan, Legislature. House. Committee on elections: Report in relation to qualifications to seat, 4040

Bushnell, L. D.
Practical use of starters, 534

Bushy Run, Battle of, 1763
[Smith]: Historical account of expedition against Ohio Indians, 6314, 6315

Business album of Grand Rapids, 535
——— **bibliography**
Detroit. Public library: Books for business men, 1285
——— buildings of Detroit, 536
——— **colleges**
Albion commercial college: Circular, 38
Cochran's commercial institute: Circular, 720
See also Ferris institute
——— **corporations,** see Corporation law
——— **law**
Bates: Negotiable instruments law, 239
Bennett: Law of negotiable paper, 344, 345
Meeker: Digest of laws of Mich., 2937
——— **mss.**
Abbott: Mss., 8040
Askin family: Mss., 8037, 8130
Bissell & co.: Mss., 8060, 8099, 8100
Campau family: Mss., 8145
Clark: Mss., 8187
Emmons: Mss., 8078, 8082, 8090
Godfroy family: Mss., 8049
Holbrook: Mss., 8196
Johnson: Mss., 8119
Maybury: Mss., 8189
Palmer: Mss., 8200
Park and Meldrum: Mss., 8131
Piquette and Reid: Mss., 8048
Sanders: Mss., 8150
Sibley: Mss., 8173
Toms: Mss., 8042, 8069, 8079, 8083, 8085, 8087, 8091, 8093, 8095
Van Dyke and Emmons: Mss., 8094
Williams: Mss., 8038, 8125, 8127, 8128, 8147, 8148, 8151, 8156
Wing: Mss., 8120
See also manuscripts

Butler, Gen. A.
Miscellaneous mss., 8182
———**, C. W.**
Michigan. Legislature. Senate. Committee on state affairs: Report of committee to whom was referred resolution for relief, 4693

BUTLER, E.
Potter: History of Barry co., 5855
———, **J. D.**
French footprints beyond lakes, 537, 538
French fortifications, 539
———, **J.**
Hist., work and aims of Mich. Audubon society, 540
———, **W. O.**
Life of Gen. L. Cass, to which is appended sketch of public and private hist. of Major-Gen. Butler, 2740
Public life of L. Cass, with biographical sketch of Gen. Butler, 5892

Butter
Anderson: Studies in butterfat, 91
Brown: Keeping qualities, 462, 463
See also Dairying; Milk

Butterfield, C. W.
Hist. of Brulé's discoveries, 541
Hist. of discovery of Northwest by Nicolet, 542
Washington-Irvine correspondence, 543
———**, Rev. H. Q.**
Addresses at inauguration, 17
———**, Rev. I.**
In memoriam, 2314
———**, R. W.**
Michigan. Political science association: Papers and addresses on primary reform, 4794

Butterworth hospital
Annual report, 544

Button, F.
Mss., 8152
———**, W.**
Mss., 8152

Buttrick, G. L.
[Guffin]: Report of hearing on school book legislation, 1999

Buxton, Mrs. J. E.
Bank book, 8275

Cadillac, A. de la M.
Burton: "Cadillac's village", 514
———: In foot steps of Cadillac, 526
———: Mss., 8129
———: Sketch, 531
[Contract between Cadillac, J. Arrivé & J. Gaultier, & F. Hazeur], 8276
Crowley: Daughter of New France, 869
Detroit. Public library: Antoine de la Mothe Cadillac, 1281
Detroit today: Cadillac bi-centenary ed., 1486
Elliott: Comments on memoir, 8382
Farmer: Mss., 8186
Forestié: Lamothe-Cadillac, 1732
Margry: Copies of papers relating to, 8458
Miscellaneous mss., 8122
[Order to Sieur D'Argenteuil to report to Comte de Frontenac], 8277
Viger: Quelques notes, 6764
Wayne co. Historical and pioneer society: Souvenir of Cadillac day, 6831
See also Cadillac mss.

CADILLAC MSS.
  Archives judiciaries du Dist. de Québec, 8278
  [Records from French archives], 8279
  [Records relating to Cadillac], 8280
Cadillac, Madame M. T.
  Detroit. Woman's bi-centenary committee: Historical art souvenir, 1362
  ———. ——— ——— ——— ———: Souvenir of unveiling tablet in memory of, 1363
Cadillac
  Charter and ordinances, 545
  Directory
    Polk & co.: Directory, 5763
  Evening news: Atlas of Wexford co., 7603
  Michigan. Historical commission: Prize essays, 3803
  Schools
    Course of study, 546
  Tract
    [Map of] Cadillac tract, by Rand, McNally & co., 7846
Cadwell, G. B., & co.
  Atlas of Lenawee co., 7512
Cady, B. D.
  Port Huron. Charters: Charter, 5814
Cahill, E.
  President's address, 547
Calcite
  Palache: Crystallization of calcite from copper mines of Lake Superior, 5627
Calculating machines
  Burroughs adding machine co.: Instructions for operating, 504, 505
Calendar of superior court, Grand Rapids, 548
Calhoun, J. C.
  Speeches on bill for admission of Michigan, 549
Calhoun county
  Beers & co.: Atlas, 7434
  Business directory, 550
  Farm journal directory, 1639
  History, 2151
  Map, by State geologist, 7432
  Map, by Geil, Harley & Siverd, 7433
  ———, — U. S. Postoffice dept., 7435
  Ogle & co.: Standard atlas, 7436
  Polk & co.: Battle Creek city directory, 5760
  Portrait and biographical album, 5828
Calkins, A. R.
  Petition for grant of lands in Allegan co. for railroad, 551
———, R. D.
  Suggestive outline in geography, 552
Callahan, J. M.
  Neutrality of American lakes, 553
Callaghan & co.
  Michigan digest, 554-556
Calumet & Hecla mining co.
  Summary of operations, 558
  U. S. Dept. of labor: Mich. copper district strike, 6664, 6665

CALUMET
  Board of education
    Public schools, 557
  Directory
    Polk & co.: Directory, 5764
Calumet mineral region
  Hulbert: "Calumet-conglomerate", 2260, 2261
Calumet special map, by U. S. Geological survey, 7765
Calvert lithographing co.
  Birds eye view of rail and water routes to mineral spring at St. Clair, 8016
  Guide map of Detroit, 7662
  Map of Detroit, 7653, 7654, 7666, 7669, 7670, 7680, 7684
  ——— — Detroit railway lines, 7998
  [——— — Michigan], 7268
Calvin college chimes, 559
Cambridge
  Dewey: Saint Michael's and all angels' church, 1501
Campaign literature
  Bagley: Speech, 171
  Cass: Address to Democracy of Detroit, 607
  Detroit tribune: Increase of state taxes, 1488
  Edwin Denby club: For Congress E. Denby, 1581
  Facts and arguments against election of Gen. Cass, 1629
  Freeman's pamphlet, 1754
  Granger: Progress of radicalism, 1973
  Independent labor party. Detroit: Circular, 2282
  May: Equal suffrage, 2926
  Republican party. Michigan. Ingham co.: Address of central committee, 5952
  ——— ———. ———. State central committee: Campaign address, 5953
  ——— ———. ———. ——— ——— ——— ———: Evils of free trade, 5955
  ——— ———. ———. ——— ——— ——— ———: "Michigan, my Michigan", 5956
  ——— ———. ———. ——— ——— ——— ———: State and national finances, 5957
  [Scrap-book of Gov. Bliss campaign], 6193
  Ward: Protection vs. free trade, 6797
  Wayne co. Republican club; an organization with work to perform, 6832
  Williams: Prohibition and woman suffrage, 6936
  ———: Prohibition reform party, 6937, 6938
  Wisner: Address to people of 3d cong. dist., 6997
  See also Democratic party; Good government league, Grand Rapids; Michigan. Politics and government; Politics; Republican party; Whig party

CAMPAU, D. J.
Mss., 8069, 8073
See also Campau family
———, E. L.
Wilkinson and Post: Mss., 8159
———, J.
Mss., 8069, 8135, 8145
———, J., estate
Campau family: Mss., 8074
———, T. J.
See Campau family
———, T. and son
Map of Grosse Pointe Farms, 7725
——— family
Mss., 8074, 8077, 8145
Campau vs. Moran
Gray: Mss., 8059
Campbell, A.
Address on climate, soil, resources, [etc.] of Upper Peninsula, 561
———, C.
Review of pamphlet on Church of Christ, 562
———, C. P.
Grand Rapids. Charters: Revised charter, 1888
——— ———. Ordinances, etc.: Ordinances, 1912
Index digest of Mich. supreme court decisions, 563
Michigan. Laws, statutes, etc.: Howell's annotated statutes, 3877
———, E. D.
History of chemical laboratory, U. of M., 564
———, H. C.
Radisson's journal, 565
———, H. J.
Shannon: State of Dakota; how it may be formed, 6207
———, J. B.
Stockton: Report communicating report of superintendent of mineral lands on Lake Superior, 6415
———, J. V.
Biographical sketch of C. C. Trowbridge, 566
Brown: Memorial address, 469
Elon Farnsworth, 567
Hamlin: Legends of Le Détroit, 2029
J. J. Bagley, 568
Judicial system [in Middle West], 569
Mss., 8199, 8281
Memorial discourse on Rev. G. P. Williams, 570
Michigan. State teachers' association: Memorial, 5110
———. Supreme court: Exercises in memory of, 5123
Outlines of political history of Mich., 571
———, M. D.
Memorial day in Quincy, 573
———, Mrs. M. H.
Revolutionary services and civil life of Gen. W. Hull, 572

CAMP DEVLIN
Michigan national guard: Map, 8030
Camping
Northrup: Camps and tramps in Adirondacks and Grayling fishing in northern Mich., 5562
Camp Kenmore play school, 560
Campus news notes, 574
Canada
Archives
Cadillac mss.: Archives judiciaries du dist. Québec, 8278
——— ———.: [Records relating to Cadillac], 8280
Documents relating to invasion of Canada and surrender of Detroit, 575
Montreal. Notarial archives: [Records], 8493
[Records relating to Detroit], 8282
Baby: Souvenirs of past, 167
Commerce with U. S.
Detroit. Board of commerce: International commerce, 987
Crown lands dept.
Plan of north shore of Lake Superior, from Bayfield's chart, 7917
Custom house
Report outward of cargo of steamer Lady Elgin, 8283
Description and travel
Darby: Tour, 910
Ferguson: Practical notes made during tour, 1678, 1679
Flint: Letters, 1711
Fountain: Great Northwest, 1739
Howison: Sketches of Upper Canada, 2236
Rochefoucault Liancourt: Travels through U. S., 5999
Weld: Reise durch Nord Amerikanischen freistaaten, 6853
———: Travels through states of North America, 6852
———: Voyage au Canada, 6854
History
Cadillac mss.: [Records from French archives], 8279
Crowley: Daughter of New France, 869
Walker: Northwest during revolution, 6787, 6788
Winsor: Pageant of Saint Lusson, 6995
Maps
Amérique septentrionale, par le Sr. d'Anville, 7088
Le Canada faict par le Sr. de Champlain; suiuant les memoires de P. du Val, 7076
Le Canada ou Nouvelle France, par N. Sanson, 7074
Canada, Louisiane et terres Angloises, par le Sr. d'Anville, 7091
Carte du Canada, 7075, 7081
Carte du Canada ou de la Nouvelle France, par G. Delisle, 7100

CANADA—Continued
- Carte de Nouvelle France [by Nicolas de Fer?], 7084
- Carte des pays sous nom Canada, par Sr. Robert de Vaugondy, 7090
- Map of New France, by H. Moll, 7083
- New map of north parts of America, by H. Moll, 7087
- North America. From French of Mr. D'Anville, by Thos. Jefferys, 7094
- Partie occidentale de Nouvelle France ou du Canada par Mr. Bellin, 7092

- Parliament
  - Report on Sault Ste. Marie canal, 576
- Southern railway co.,
  - Prospectus, 577
- See also Northwest

Canadian revolt
- Ross: Patriot war, 6033

Canal lands
- Howell: Protest against appropriating tolls of St. Mary's canal to payment due counties for taxes on canal lands, 2231

Canals
- Detroit. Board of trade: Niagara ship canal, 1028
- Keith: Historical sketch of internal improvements, 2490
- Michigan. Board of internal improvement: Report on survey of canal from Mt. Clemens to Lake Michigan, 3203
- New map of Mich., by C. Desilver, 7233
- New map of Mich., with canals, roads and distances, 7220
- Sabin: Filling and emptying 3rd lock at St. Mary's Falls canal, 6060
- See also Clinton and Kalamazoo canal; Erie canal; Grand Rapids canal; Illinois and Michigan canal; Oswego canal; Saginaw canal; Sault Ste. Marie canal

Cane
- Kedzie: Early amber cane, 2473

Canfield, G. L.
- [Admiralty notes], 8284
- Case books, 8285
- Check stub-books, 8286
- Diaries, 8287

Canning
- Cowles: Home canning, 844

Cannon, M.
- Michigan. Legislature. House. Committee on claims: Report [relative to to claim], 4005

Capac
- Wolverine directory co.: St. Clair co. directory, 7008

Capital punishment
- [Bingham]: Hist. of substitution of imprisonment for death penalty, 364
- Michigan. Legislature. House. Select committee: Report on abolishment, 4296, 4297
- Seymour: Remarks on bill for establishment of prison of infamy, 6204

CAPITOL, see Michigan. Capital and capitol

Carey, M.
- Map of Ohio, Indiana and Northwest territories, 7129
- —— — part of Northwest Territory, by S. Lewis, 7124
- Northwest Territory, 7125, 7127
- Upper territories of U. S., 7136, 7137

Cargill, O. F.
- Mss., 8067
- See also Howard and Cargill; Toms, Cargill and Chase

Cargill and Chase
- Toms: Mss., 8095

Carlisle, F.
- Detroit, 578
- Wayne co. Historical and pioneer society: Chronology of notable events, 6830
- —— —. ——— —— —— ——— ———: Souvenir of Cadillac day, 6831

Carlton, R.
- New purchase, 579

Carnahan, A. L.
- Development of Lake Superior copper mines, 580

Carniff, J.
- Toms: Mss., 8069

Caro
- Government of, 1835

Carpenter, H. B.
- Michigan. University: What's what at Mich., 5225

———, R. C.
- Map of farm garden and lawn of M. A. C., 7858

Carpet beetle
- Cook: Carpet beetle, 783

Carrere, J. M.
- Brunner: Preliminary report for city plan for Grand Rapids, 478

Carrier, W. M.
- Michigan. University. Class of 1873: Record, 5254

Carriers
- Bonney: Rules of law for carriage and delivery of persons and property by railway, 398

Carter, C. S.
- Michigan. University. Class of 1870: History of class, 5252, 5253

———, T.
- French mission life, 581

[———, W.]
- Fort Defiance centennial, 582

Carton, A. C.
- Extracts from addresses, 583-587
- Michigan. Public domain commission: Report on feasibility of using pulp and chicory dryers to dry surplus potato crop, 4815
- What press can do in development of Mich., 588
- See also Michigan. Public domain commission

CARVER, J.
- Adventures, etc., 589
- Lee: Bibliography of Carver's travels, 2708
- ——: Capt. J. Carver, 2709
- Travels, 590-602

Cary, H.
- Map of Saginaw, 7748

——, J.
- New map of part of U. S. exhibiting western territory, 7139
- —— —— —— U. S. exhibiting western territory, 7130, 7131
- Part of U. S. exhibiting Northwest, Michigan, Indiana and Illinois territory, 7145

Case, E. C.
- Allen: Contributions to Pre-Cambrian geology, 55
  - On a nearly complete skull of Symbos cavifrons leidy, 603

——, J. M.
- Longyear: Forests, streams, lakes and resources, 2764

——, O. N.
- Michigan. Legislature: Memorial, 3953

——, W.
- Journal, 8288

Cash books, see Manuscripts

Cass, L.
- Address before New England society, 604
- —— —— Kalamazoo co. agricultural society, 605
- —— —— Mich. agricultural society, 606
- —— to Democracy of Detroit, 607
- Biography of, 373
- Discourse before Historical society of Mich., 608
- Drake: Lake Superior railroad; letter to, 1544
- Facts and arguments against election of, 1629
- In memoriam, 2307
- Life of, 2739, 2740
- McClelland: Defence of, 2793
- McLaughlin: Influence of on development of Northwest, 2846
- ——: L. Cass, 2847-2851
- Mss., 8182, 8203, 8290
- Michigan. Historical commission: Lewis Cass day on Mackinac Island, 3802
- ——. Historical society: Historical and scientific sketches of Mich., 3807
- Michigan (Ter.) Governor: Message to legislative council, 5334
- Public life of, 5892
- Remarks on presentation of resolutions of instruction, 609
- Schoolcraft: Map of northwestern territories showing track pursued by expedition under Gov. Cass in 1820, 7140
- [——]: Outlines of life and character, 6177
- Sketch of life and public services, 6248

CASS, L.—Continued
- Smith: Fifty years of public life. Life and times of, 6319
- Speech on construction of Sault Ste. Marie canal, 610
- —— — rivers and harbors, 611
- To J. C. Calhoun, 8289
- U. S. 50th cong., 2d sess.: Proceedings upon acceptance of statue of, 6642
- U. S. War dept.: Letter transmitting information in relation to superintendency of Indian affairs in Michigan Territory, 6693
- Young: Sketch of life and public services, 7057, 7058
- See also Michigan (Ter.) Governor

Cass code, see Michigan (Ter.) Laws, statutes, etc.

Cass county
- Glover: History, 1819
- Lake: Atlas, 7437
- Map, by Geil, Harley & Siverd, 7440
- ——, by U. S. Postoffice dept., 7439
- [Mathews]: History, 2919
- Ogle & co.: Standard atlas, 7438
- Pioneer picnic: 31st annual picnic, 613
- Portrait and biographical record, 5826
- Rogers: History, 6005

Cass platform, 612

Casselman, A. C.
- Richardson: War of 1812, 5974

Castalian, 614

Castle Nowhere
- Woolson: Castle Nowhere, 7038

Casualties
- Parker: Legal and other measures for prevention, 5643

Catalogues, see name of Library

Catherwood, Mrs. M. H.
- Chase of Saint-Castin, 615
- Heroes of Middle West, 616
- Mackinac and lake stories, 617
- Story of Tonty, 618-620
- White islander, 621

Catholicism
- Beginning and development of Catholicity in Dearborn, 336
- Brown: Two missionary priests at Mackinac; the parish register, 465
- Carter: French mission life, 581
- Catholic study club, Detroit, 622
- Catholic young men's literary society Constitution, 623
- Elliott: Oldest Catholic city in West, 1591
- Grand Rapids. Public library: List of books by Catholic authors, 1923
- Maes: History of Catholic church in Monroe city and co., 2864
- Michigan Catholic bicentenary supplement, 5366
- Potier: Jesuit ms., 5854
- Rezek: History of Diocese of Sault Ste. Marie and Marquette, 5966

CATHOLICISM—Continued
Souvenir album of Catholic churches, schools and institutions in and around Detroit, 6348
See also Biographical sketches; Biographies; Detroit. Catholics; Jesuits; Missions and missionaries; Nazareth academy; Sandwich, Ont. Assumption church; name of institution, local church or organization

Catlin, G. B.
Ross: Landmarks of Wayne co. and Detroit, 6032

Cattle
Anderson: Second report of grade dairy herd, 89
Davenport: Feeding steers, 923
Giltner: Infectious abortion, 1812, 1813
Grange: Experimental work, 1967
———: Tuberculosis, 1971
Hallman: Tuberculin tests, 2021
Johnson: Feeding steers, 2409-2411
Norton: Rearing calves on skim-milk, 5571
Shaw: Dried beet pulp for fattening steers, 6216
[———]: Methods of breeding for improvement of Michigan cattle, 6220
———: Plan for improvement, 6222
West Michigan holstein breeders' association: Catalog of annual consignment sale, 6865
See also Beef; Dairying; Stock food

Cedar Springs
Polk & co.: Directory, 5763
Polk, Murphy and co.: Directory, 5790

Celoron [Celeron], P. J.
[Journal of expedition to Ohio in 1749], 8291
Marshall: De Céloron's expedition to the Ohio, 2907

Celery
Coons: Septoria leaf spot disease or celery blight, 821
Hallagan: Celery culture, 2018
Little: Celery culture at Kalamazoo, 2750

Cement
Alpena evening echo: Alpena, 74
See also Peninsular Portland cement co.; Portland cement

Census, see Michigan. Census; Michigan. Statistics; U. S. Bureau of the census

Centennial anniversary celebration at Grand Rapids, 624

Centennial celebration of evacuation of Detroit, 625

Centennial exhibition, see Michigan. State board of centennial managers

Central Michigan agricultural society
Crapo: Address at sheep-shearing exhibition, 857
List of premiums, 626

Central Michigan sanatorium, see Michigan. State sanatorium for the treatment of tuberculosis

CENTRAL MINE
Geol. sect., by Mich. Geological survey, 7823

Central railroad
[Hurd: Proposition to lease Central railroad], 2270
Michigan. Board of internal improvement: Communication relative to labor, 3176
————. ——— — — ———— ————
——: Communication [showing number of tons and size of railroad iron purchased for], 3177
————. ——— — ———— ————
——: Report relative to, 3190
————. ——— — ———— ————
——: Report specifying number of passengers carried free of charge, 3197
————. ——— — ———— ————
——: Report in relation to, 3198
————. ——— — ———— ————
——: Report in compliance with resolution of senate, 3201
————. ——— — ———— ————
——: Report relative to damages for right of way, 3204
[————. ——— — ———— ————
——: Report relative to amount expended in building and construction to Jackson], 3210
[————. ——— — ———— ————
——: Report relative to number of passengers], 3211
[————. ——— — ———— ————
——: Statement of indebtedness of internal improvement fund for and on account of], 3212
————. Legislature. House. Committee on banks and incorporations: Minority report of committee to whom was referred bill to amend act to authorize sale of, 3995
————. ————. ———. Committee on internal improvement: Report on propriety of leasing, 4093
————. ————. ———. Select committee: Report on sale of works of internal improvement, 4344
————. ————. Senate. Committee on internal improvement: Report in regard to leasing, 4526
————. ————. ———. ——— ——— — ——— ————: Report of committee to whom was referred proposition to lease, 4546
Titus: Proposition to lease, 6548
Van Buren co. Citizens: Proceedings of meeting at Paw Paw on extension or completion, 6735
See also Michigan central railroad

Cephalopoda
Winchell: Notice of rocks lying between carboniferous limestones of Lower Peninsula, 6982

Ceremonies at dedication of Gilbert memorial, 627

CERESCO
Neilson: History, 5583
Chadsey, C. F.
Attitude of education toward mental hygiene in schools, 628
Chamberlain, D. H.
State indebtedness, 629
[Chamberlain, L. H.]
Memoir, 630
Champion
Holland: Gazetteer of Marquette co., comprising directory of Champion, 2184
Champion mine
Map, by Mich. Geological survey, 7824
Champlin, C.
Mss., 8171
———, J. W.
Industrial prosperity, 631
Michigan. Political science association: City government, 4792
Chancery, see Masters in chancery; Michigan. Chancery court; Michigan. Courts
Chandler, W.
History of St. Mary's Falls ship canal, 632-634
———, Z.
Detroit post and tribune: Z. Chandler, 1469
Harris: Public life, 2062
Mss., 8197
Pierson: Doric pillar of Mich., 5738
Smith: On occasion of acceptance of statue of, 6313
U. S. 46th Cong., 2d sess.: Eulogies on, 6638
—. —. —— ——., — ——.: Memorial addresses on life and character, 6639
—. —. 63d ——., 1st ——.: Statue of Z. Chandler, 6650
Chaney, H. A.
Alien suffrage, 635
Digest of decisions of Supreme court, 636-639
Digest of Michigan reports, 640
Jacobs: Digest of decisions of Supreme court, 2375
Michigan. University. Class of 1869: U. of M. Class of sixty-nine, 5251
Supreme court of Mich., 641
Channing, E.
Hart: Documents illustrating state land claims and cessions, 2063
——: Documents relating to territorial administration, 2064
Story of Great Lakes, 642
Chapel and Price
Michigan. Dept. of state: Communication in reply to resolution relative to settlement, 3488
Chapin, H. H.
Adrian city directory, 643
City directory of Ann Arbor, 644
Mich. state gazetteer, 645
———, J. H.
[Autographs], 8292

CHAPMAN, C. C., & Co.
History of Kent co., 2156
——— — Saginaw co., 2167
——— — Washtenaw co., 2174
———, H. H.
Woolsey: Norway pine in lake states, 7035
———, N.
Heineman: Jewish trader during Pontiac's siege, 2100
———, S.
Menominee iron range, 7831
Sectional map of region around Lake Superior, 7400
———, W. H.
Peck: Memorial relative to state agricultural college, 5689
——— brothers
Portrait and biographical album of Barry and Eaton cos., 5825
——— —— ——— ——— — Branch co., 5827
——— —— ——— ——— — Calhoun co., 5828
——— —— ——— ——— — Clinton and Shiawassee cos., 5829
——— —— ——— record of Genesee, Lapeer and Tuscola cos., 5830
——— —— ——— album of Gratiot co., 5831
——— —— ——— ——— — Hillsdale co., 5832
——— —— ——— ——— — Huron co., 5833
——— —— ——— ——— — Ingham and Livingston cos., 5834
——— —— ——— ——— — Ionia and Montcalm cos., 5835
——— —— ——— ——— — Isabella co., 5836
——— —— ——— ——— — Jackson co., 5837
——— —— ——— ——— — Kalamazoo, Allegan and Van Buren cos., 5838
——— —— ——— ——— — Lenawee co., 5839
——— —— ——— ——— — Mecosta co., 5840
——— —— ——— ——— — Midland co., 5841
——— —— ——— ——— — Newayco [Newaygo] co., 5844
——— —— ——— ——— — Oakland co., 5845
——— —— ——— ——— — Osceola co., 5846
——— —— ——— ——— — St. Joseph co., 5848
——— —— ——— ——— — Sanilac co., 5849
Charitable institutions
Kundig: Exposition of facts relating to, 2580

CHARITIES, see Michigan. Board of state commissioners for the general supervision of charitable, penal, pauper and reformatory institutions; Michigan. Charities and corrections; Michigan. Commission on extent of mental defectiveness; Michigan. State board of corrections and charities; names of cities for charitable organization
Charity Islands
Ruthven: Miscellaneous papers on zoology, 6057
Charity organization society
Report, 646
Charlevoix, P. F. X. de
Farmer: Mss., 8186
Charlevoix county
Map, by U. S. Postoffice dept., 7441
Traverse region, 6580
Charlevoix Harbor
[Map of] Pine Lake including Charlevoix Harbor, by U. S. War dept., 7910
Poe: Annual report upon improvement of certain rivers and harbors, 5752
Charlevoix summer resort
Plan, by H. S. Stebbins, 8031
Charlotte
Charter and ordinances, 647
Community association
By-laws, 648
Charming Adrian, 649
Charters
Michigan. Legislature. House. Committee on the judiciary: Report relative to power of legislatures to amend, 4116
———. State library. Legislative reference dept.: Local, special and private legislation, 5065
Chase, M. A., see Toms and Chase; Toms, Cargill and Chase
———, O. M.
Michigan. State board of fish commissioners: Minute upon death, 4882
———, T. R.
Michigan. University: Mich. university book, 5202
———, W. H.
Sons of the American revolution. District of Columbia society: Battle fields of Maumee valley, 6334
Dr. Chase's steam printing house, 650
Chattanooga, Battle of
[Belknap]: Hist. of Michigan organizations at, 337, 338
Chattel mortgages
Bahlke: Chattel mortgage, 172
Chatterton, M. D.
Probate law, 651
Chautauqua, see National chautauqua association
Cheboygan
Democrat: Cheboygan, 652
Description
Cheboygan Democrat: Cheboygan, 652
CHEBOYGAN—Continued
Directory
Polk & co.: Directory, 5763, 5765
Cheboygan county
Baker: County school manual and history of school dists., 188
Cheboygan realty co.: Land of opportunity, 653
Map, by H. C. Thompson, 7442
Polk & co.: Directory, 5765
Robinson: History, 5992
Traverse region, 6580
Ware: Centennial history, 6800
Cheboygan Harbor
Poe: Annual report upon improvement of certain rivers and harbors, 5752
Cheboygan realty co.
Land of opportunity, 653
Checks
Bates: Negotiable instruments law, 239
Cheese
Baker: Sickness in Mich., caused by poisonous cheese, 197
Marshall: Grassy curd, 2898
Michels: Cheese problems, 2969
Cheeseborough, Mrs. A. T.
Index book, 8293
Journal, 8294
Ledger, 8295
Cheever, N. W.
Corporation form book, 654
Law and practice of probate courts, 655-657
Pleasant walks and drives about Ann Arbor, 658
Stories and amusing incidents in early hist. of U. of M., 659
Chelsea
Pray: Washtenaw co. directory, 5866
Wendell directory co.: Washtenaw co. directory, 6861
Chemistry
Detroit. Public library: Chemistry, selected list of books, 1299
Cheney, S.
Art theatre, 660
Chesaning, see Quadrangle maps
Chesbrough, E. S.
Sketch of plans and progress of Detroit River tunnel, 661
Chester, G. M.
Martha Washington tea party, 662
Chew, J.
Miscellaneous mss., 8172
———, S.
Mason: Mss., 8127
Chicago
Chicago and Aurora railroad
Joy: Mss., 8136
Chicago and Michigan grand trunk railroad co.
Bancroft: Railway outlet to seaboard, 214
Emmons: Mss., 8041
Chicago and Michigan lake shore railroad
Joy: Mss., 8136, 8138

CHICAGO—Continued
Chicago and northwestern railway co.
Indian, The, the Northwest, 663
Joy: Mss., 8136
Lakes and resorts, 664
Only seven hours ride from Chicago to Menominee co., 665
Summer holiday, 666
Chicago and west Michigan railway co.
Tours, 667, 668
Chicago, Burlington and Quincy railroad
Joy: Mss., 8136, 8138
Chicago, Clinton, Dubuque and Minnesota railroad
Joy: Mss., 8136, 8138
Fire, 1871
Michigan. Lumbermen: Facts and figures against passage of Chicago relief bill, 4768
History, see Northwest
Illinois national half-century exposition, 1915
Michigan. Freedmen's progress commission: Mich. manual, 3550
World's Columbian exposition
Michigan. State board of health: Relative to board of health exhibit, 4920

Chickamauga, Battle of
[Belknap]: Hist. of Michigan organizations at, 337, 338

Chickamauga U. S. Military park
Ranney: Address delivered at dedication of regimental monument, 5918

Children
Ann Arbor public library: Classified list of books for younger readers, 135
Courtis: Manual for giving and scoring tests in three R's, 842
Detroit. Children's free hospital association: Annual report, 1085
———. Public library: Children's books, 1300
———. ——— ———: Children's catalog, 1301
———. Society for the prevention of cruelty to children: Annual report, 1346
Lapeer training school for teachers: Summer school for teachers of backward and mentally defective, 2680
Michigan. Dept. of labor: Sections of act relating to employment of females and minors, 3352
———. Dept. of public instruction: Law on labor permits, 3399
———. ———. — ——— ———:
Michigan manual, 3410
[———. ———. — ——— ———]:
Preferred list of books, 3416-3418
———. ———. — ——— ———:
Selected list of children's books, 3432
———. ———. — ——— ———:
Suggestions for manual training, 3444

CHILDREN—Continued
———. ———. — ——— ———:
Supplementary catalog of preferred list of books, 3449
———. Laws, statutes, etc.: Laws relating to juvenile courts, child caring and placing agencies, 3849
———. ———, ———, ———.: Laws relating to juvenile courts, 3893
———. ———, ———, ———.: Laws relating to juveniles, 3894
———. ———, ———, ———.: Act creating Dept. of labor, 3896
———. Legislature. House. Committee on the judiciary: Report of committee to whom was referred petitions in relation to selling lands by minors, 4130
———. State library: First selection of 500 books, 5037
———. ——— ———: Preferred list of pictures for children and young people, 5045
———. ——— ———: Legislative reference dept.: Laws relating to minimum wage, 5057
———. State normal college. Library: Public school libraries, 5083
———. State public school: Laws relating to establishment and government, and other laws relating to children, 5103
Power: Selected list of children's books for school libraries, 5860
Randall: L'état et l'enfant, 5914
———: Protection de l'enfance, 5915
Van Leuven Browne national magazine, 6747
See also Detroit. Protective agency for women and children; Michigan. State public school

Childs, B. F.
Marquette, Mackinac Island and the "Soo", 669

Chilson, McKinley & co.
Lansing city directory, 2674

Chilton, J. R.
Lake Superior iron, 670
———, W. E.
State claims Northwest Territory, 671

Chipman, H.
Petition, 672
———, J. L.
Democratic association of Detroit: Celebration of anniversary of Battle of New Orleans; speech by, 945
U. S. 53d Cong., 1st sess.: Memorial addresses on life and character, 6644
U. S. — ———., — ———.: ——— — ——— — — ——— ———, 6645

Chippewa county
Map, by H. C. Thompson, 7442
Michigan. Legislature. House. Committee on elections: Report relative to contested seat, 4039

CHIPPEWA COUNTY—Continued
———. ———. ———. Select committee: Report on contested seat, 4300
Chippewa Indians
Jones: History of Ojebway Indians, 2424
Keating: Travels in interior of North America, 2466
Kohl: Kitchi-gami, 2575
Long: Voyages and travels of Indian interpreter and trader, 2759
McKenney: Sketches of tour to lakes, 2835
Memorial in favor of Maine law, 673
Miscellaneous mss., 8126
Schoolcraft: Narrative of expedition through upper Mississippi to Itasca Lake, 6174
———: Summary narrative of expedition to sources of Mississippi, 6182
See also Indians
Chittenden, A. K.
Christmas tree plantations, 674
Cholera
Michigan. State board of health: Prevention and restriction, 4905, 4906
See also Hogs
Christian Reformed church
Michigan Christian teachers' institute: Six lectures, 5384
Christian temperance union, see Woman's Christian temperance union of Michigan
Christiancy, I. P.
Graves: I. P. Christiancy, 1975
Speech at Monroe, 675
Christmas
Pattengill: Special day exercises, 5672
Chronicle, 676
Church and state
McCracken: Sunday laws, 2818
Church work in Michigan
Hastings: Mss., 8131
Churches, see name of denomination; name of church
Cicotte, E. V.
Reminiscences, 8296
Cilley, J.
Parish: G. W. Jones, 5637
Cimmerer, J. A.
Saginaw. Board of trade: Fiftieth year, 6071
Circuit court commissioners, see Michigan. Circuit court commissioners
Circuit courts
Brown: Mich. circuit court reporter, 459
———: Mich. nisi prius reports, 460
See also Courts; Michigan. Circuit courts; Michigan. Supreme court; U. S. Circuit court; U. S. Circuit and district courts
Circuit judges
Michigan. Legislature. Senate. Committee on the judiciary: Report relative to pay of, 4552, 4553
Citator, 677
CITIES
Michigan. Laws, statutes, etc.: Incorporation of cities, 3837, 3838
Powell: Historic towns of western states, 5858
Smith: Influence of sewerage and water-supply on death-rate, 6295
See also Michigan. Cities; Municipal government; Municipal indebtedness
Citizens telephone co.
Grand Rapids exchange directory, 678
Citizenship
Detroit: Public library: Useful books, 1329
See also Americanization; Foreigners
City of Ann Arbor, 679
——— — Grand Rapids, 680
——— — Saginaw, 681
——— — St. Ignace, 682
——— — Toledo (steamer)
Ledger, 8297
Civic affairs, 683
Civic club of Grand Rapids
Annual report, 684
Constitution, 685
Report on sheriff's office, 686
Civic news, 687
Civil procedure
Cummins: New Mich. judicature act, 880
Michigan. Laws, statutes, etc.: Judicature act, 3892
———. Legislature. House. Committee on the judiciary: Report on resolution respecting amendment to act to regulate and define powers of justices of peace and constables, 4129
Whitehouse: Mich. judicature act of 1915, 6900
Civil war
Alger: Eulogy on Gen. Sheridan, 42
Augustus Caesar Baldwin, 161
Barnes: Speech on state of union, 230
Barrett: Reminiscences of 4th Mich. infantry, 231
[Belknap]: History of Mich. organizations at Chickamauga, Chattanooga and Missionary Ridge, 337, 338
Bennett: Historical sketches of Ninth Mich. infantry, 343
Berry: Thirteenth reunion, 16th Mich. infantry, 353
Brown: Michigan's brigade, 466
Bugle blast, 484
[Bumphrey]: Society of Mich., N. Y. veterans, 490
Clowes: Detroit light guard, 712
Crotty: Four years campaigning in army of Potomac, 867
Cummings: Great war relic, 878, 879
Curtis: History of Twenty-fourth Mich., 884
Cutcheon: Story of Twentieth Mich. infantry, 896
Detroit tribune: Veteran soldiers' and sailors' handbook, 1492

CIVIL WAR—Continued
Dodge: R. H. Hendershot, 1533
Duffield: Our soldier dead, 1558
Dumont: Official report of Battle of Lebanon, Tenn., 8379
[Durant]: History of Oakland co., 1563
Fowler: Autobiographical sketch, 1740
Granger: Progress of radicalism, 1973
Gunn: Memorial sketches of Dr. M. Gunn, 2000
Harper's and St. Mary's hospitals: Mss., 8155
Harris: Mich. cavalry at Gettysburg, 2058
———: Personal reminiscences, 2059
———: Stories, 2060
———: Story of rebellion, 2061
———: Public life of Z. Chandler, 2062
[Hewes]: Hist. of formation, movements, [etc.] of Tenth Mich. infantry, 2109
Howard: Mss., 8044
Howard and Welch: Mss., 8142
Isham: Historical sketch of 7th regt. Mich. volunteer cavalry, 2345
———: History of Detroit light guard, 2347
Kidd: Mich. cavalry brigade in wilderness, 2527
——: Personal recollections of cavalryman, 2528
[Lane]: Soldiers' diary, 2611
Lanman: Red book of Mich., 2617
Lee: Personal and historical sketches of 7th regt., Mich. cavalry, 2710
[Lester]: Semi-centennial roster of 9th Mich. infantry, 2721
List of volunteers from county of Wayne, 2749
Longyear: Memorial for re-establishment of military state agency, 2765
Lossing: [Papers representing material used in history], 8445
Lyster: Recollections of Bull Run campaign, 2790
Michigan. Adjutant general's office: Flags, 2974
———. ——— ——— ——: Mich. in the war, 2975
———. ——— ——— ——: Record of service of Mich. volunteers, 2976
———. ——— ——— ——: Record of service. Index, 2977
———. ——— ——— ——: Record, 3rd Mich. cavalry, 2978
———. ——— ——— ——: Report, 2979
———. Attorney general's office: Communication on bill to enable electors in military service to vote, 3047
———. Auditor general's office: Erroneous bounties, 3122
———. Commissioner of the Gettysburg cemetery: Report, 3269
———. Dept. of state: Act authorizing Mich. soldiers to vote, 3466

CIVIL WAR—Continued
———. Gettysburg battle field commission: Mich. at Gettysburg, 3583
———. Governor: Communication transmitting statement of arms and military equipment of state, 3674
———. Industrial school for boys: Communication in answer to inquiries [relative to number enlisted in military service], 3817
———. Infantry. 11th regiment: Proceedings of annual reunion, 3818
———. ———. 26th regiment: Fourth annual reunion, 3819
———. Infantry association: Roster of 17th regiment, 3820
———. Legislature. House. Committee on the revision of the constitution: Report relative to disfranchising deserters from military service, 4013
———. ———. ———. Committee on elections: Report relative to bill to enable qualified electors in military service to vote, 4050
———. ———. ———. ———
—— — ———: Minority report on subject of allowing disqualified electors in military service to vote, 4051
———. ———. ———. Committee on the state prison: Report relative to employing convict labor in manufacture of fire arms, 4215
———. ———. ———. Committee on the reform school: Report relative to using labor of reform school for manufacture of fire-arms, 4222
———. ———. ———. Committee on war bounties: Report in obedience to resolution, 4248
———. ———. ———. ———
—— — —— ———: Report relative to bill to authorize townships to raise money for war bounties, 4249
———. ———. ———. Committee on ways and means: Report relative to providing military fund in aid of volunteer militia, 4270
———. ———. ———. ———
—— — —— —— ———: Report of committee to whom was referred petitions relative to pay of bounties to volunteers, 4286
———. ———. ———. ———
—— — —— —— ———: Report relative to condition of war loan bounty fund, 4288
———. ———. ———. Select committee: Report on soldiers' suffrage, 4354
———. ———. Select committee of senate and committee on ways and means of the house: Report in relation to legalization of action of towns and counties in raising bounties for volunteers, 4417

CIVIL WAR—Continued

———. ———. Senate. Committee on federal relations: Report relative to armory in Northwest, 4462

———. ———. ———. ——— ——— — ——— ———: Report relative to exchange of prisoners, 4464

———. ———. ———. ——— ——— — ——— ———: Report of committee to whom was referred portions of governor's messages relating to state of union, 4466

———. ———. ———. ——— ——— — ——— ———: Report of committee to whom was referred resolutions on state of union, 4467

———. ———. ———. Committee on finance: Report relative to condition of war fund, 4491

———. ———. ———. Committee on the judiciary: Report relative to constitutionality of law to enable electors in military service to vote, and vote outside of state, 4573, 4574

———. ———. ———. Committee on the state prison: Report relative to employing portion of convict labor in manufacture of fire arms, 4616

———. ———. ———. Committee on privileges and elections: Report in reference to bill to enable qualified electors in military service to vote, 4631

———. ———. ———. Select committee: Report of committee to whom it was referred to ascertain what legislation is needed in regard to raising bounties for volunteers, 4735

———. ———. ———. ——— ———: Report of committee on soldiers' suffrage, 4745

———. ———. ———. Special committee: Report of committee to inquire into military expenditures of state during last year, 4756

———. ———. ———. ——— ———: Report of committee to whom was referred resolutions of general assembly of Virginia, 4760

———. ———. Select joint committee: Report of minority of committee on soldiers' suffrage, 4761

———. Soldiers' relief association: Report, 4843

Military order of the loyal legion of the U. S. Michigan commandery: By-laws, 5436

——— ——— — — ——— ——— — — —. —. ——— ———: Circular[s], 5437

——— ——— — — ——— ——— — — —. —. ——— ———: In memoriam, O. F. Heyerman, 5438

——— ——— — — ——— ——— — — —. —. ——— ———: Register of members, 5439

——— ——— — — ——— ——— — — —. —. ——— ———: Supplementary proceedings of regular monthly meeting, 5440

——— ——— — — ——— ——— — — —. —. ——— ———: War papers, 5441

Mizner: Mss., 8492

Norton: Strong Vincent and his brigade at Gettysburg, 5572

O'Brien: Forgotten heroines, 5580

Owen: First Michigan infantry, 5620

Palmer: Mss., 8200

———: "To the soldier dead", 5633

Ranney: Address at dedication of regimental monument in Chickamauga U. S. Military park, 5918

———: Reminiscences of an army surgeon, 5923

Rice: Diary of 19th Mich. infantry, 5967

Roster of 20th Mich. infantry, 6034

Smithe: Glimpses of places and people and things, 6320

Tappan: Message to law congress of U. of M., 6501

Thatcher: Hundred battles in West, 6516

Tivy: Souvenir of 7th, 6549

Travis: Story of 25th Mich., 6581

Trowbridge: Mich. troops in Battle of Gettysburg, 6592

Union league of America. Michigan. Grand council: Abstract of proceedings, 6614

——— ——— ———. ———. ——— ———: Proceedings, 6615

Veteran publishing co.: The veteran, 6761

Wells: "With touch of elbow," 6859

Williams: Michigan first regiment, 6954

Withington: First call of civil war, 7000

———: Michigan in opening of war, 7001

Woman's relief corps. Dept. of Michigan: Journal of annual convention, 7011

——— ——— ———. ———. — ———: Roll of members, 7012

——— ——— ———. ———. — ———. Corps no. 7: Roster of members, 7013

See also Grand Army of the republic; Michigan. Adjutant general's office; Michigan. History; Michigan. Quartermaster general's office; Soldiers; U. S. General hospitals; Woman's relief corps

Clapperton, G. W.

Address; taxation in constitution, 688

Clare county

Map of Gladwin and Clare co. lands, 7854

Clark, A. A.

Decoration day at Flushing, 689

Discussion of sewerage and drainage of Ludington, 690

Obituary notice, 5578

Sewerage and drainage of Battle Creek, 691

CLARK, C. F.
Detroit city directory, 1421
———, F. N.
Disadvantage of planting small fish, 692
Report on distribution of fish and eggs from Northville and Alpena stations, 693
———, F. C.
State railroad commissions, 694
———, G. R.
English: Conquest of Northwest, 1602
G. R. Clark papers, 695
Col. Clark's sketch of his campaign in Illinois, 696
Hulbert: Military roads in Mississippi basin, 2259
Martindale: Loughery's defeat, 2913
Schuyler: Transition in Illinois from British to American govt., 6187
Thwaites: How G. R. Clark won Northwest, 6535
———, G. T.
Map of Flint, 7704
———, J.
Account with A. Earl, 8298
Mss., 8187
———, J. T.
Communication on Sault Ste. Marie canal, 697
———, J. F.
Michigan. Forestry commission: Mich. forestry, 3547
Woodlot forestry, 698
———, L. T.
Suggestions concerning legume innoculation, 699
———, N. W.
Pisciculture, 700
———, O.
Seymour: Memorial in relation to bill to keep up dam on Flint River, 6205
———, R. W.
New England in Northwest, 701
[Trowbridge]: Tributes to his memory, 6590
———, W. H.
Michigan. Legislature. House. Special committee: Report of committee to whom was referred petition asking investigation of acts of A. N. Hart, 4365
———, W. W.
Michigan. Legislature. Senate. Committee on internal improvement: Report [relative to bill for relief], 4527
Clark's, Misses, young ladies' seminary
Prospectus, 702
Report and catalogue, 703
Clark mineral springs, 704
Clarke, H. K.
Detroit. Westminister Presbyterian church: Twenty-fifth anniversary, 1361
See also Lockwood and Clarke
CLARKE, J. F.
Campbell: Revolutionary services and civil life of Gen. W. Hull, together with history by, 572
William Hull, 705
———, J. H.
Memoirs of asylum life, 706
———, R. E.
Notes from copper region, 707
———, S. C.
W. Hull, 708
Clarke family genealogy
Detroit tribune: [Scrapbook], 1491
Clarksville
Polk & co.: Directory, 5772
Classified business directory of Grand Rapids, 709
Classical conference, see Michigan. Classical conference
Classical literature
Michigan. Schoolmasters' club: List of books recommended for high school classical library, 4837, 4838
Clavers, Mrs. M., see Kirkland, Mrs. C. M.
Clay
Ries: Clays and shales of Mich., 5980
Clayton, E. B.
Town of Huron, at foot of Lake Huron, 6501
———, J. M.
Lyon: To Hon. J. M. Clayton, 2782
Clearing of land
McDowell: Farming on cut-over lands, 2828
Clemenc, A.
Cochran: Heroine not in society columns, 719
Clements, J. M.
Crystal Falls iron-bearing dist., 710
———, S.
Itinerant ministry, 711
Cleveland, A. J.
Birds eye view of Hancock, 7726
Cleveland
Blanchard: Discovery and conquests of Northwest, 386
Burton: Chapter in history of Cleveland, 515
Climate
Baker: Climate and health, 193
Climax
Nedham: Directory, 5533
Climax insurance co.
Michigan. Legislature. House. Committee on insurance: Report, 4091
Clinton and Kalamazoo canal
Michigan. Board of internal improvement: Report concerning number of engineers, 3187
———. ——— — ——— ———
——: Report, 3191
———. ——— — ——— ———
——: Report in compliance with resolution of senate, 3201

CLINTON AND KALAMAZOO CANAL—Continued
  [———. ——— — ——— ————— ——]: Report on Cedar and Grand River branch, 3209
  ———. Governor: Special message [transmitting petition of contractors], 3611
  ———. Legislature. House. Committee on federal relations: Report relative to construction, 4060
  ———. ———. ———. Committee on internal improvement: Report upon petition of W. Bronson, contractor, 4092
  ———. ———. ———. [——— ——— — ——— ———]: Report [supplementary to report on so much of governor's message as relates to internal improvement], 4094
  ———. ———. ———. ——— ——— — ——— ———: Report of committee to whom was referred petition for constructing, 4095
  ———. ———. ———. Select committee: Report upon expediency of completing part of, 4301
  ———. ———. Senate. Committee on claims: Report relative to petition of contractors, 4451
  ———. ———. ———. Select committee: Report upon expediency of completing part of, 4704

Clinton county
  Avery: Overflowed lands on Maple River, 165
  Daboll: Past and present, 905
  History, 2171
  Lake: Atlas, 7443
  Leach: Ancient mounds, 2699
  Map, by U. S. Postoffice dept., 7444
  ——, by Geil & Harley, 7446
  —— of Lansing and adjoining towns embracing portions of, by Macy & Driggs, 7736
  Ogle & co.: Standard atlas, 7445
  Portrait and biographical album, 5829

Clinton River
  Detroit. Ste. Anne's church. Exterior parishes: Registre, 8330
  Michigan. Board of internal improvement: Report in relation to improvement, 3202
  ———. Legislature: Memorial and resolutions relative to improvement, 3959
  ———. ———. House. [Committee on internal improvement]: Report [supplementary to report on so much of governor's message as relates to internal improvement], 4094
  Plat, 7960
  Poe: Annual report upon improvement of certain rivers and harbors, 5752

CLINTON SALT WORKS Co.
  Michigan. Legislature. House. Committee on banks and incorporations: Report of committee to whom was referred bill to incorporate, 3988

Clio
  Polk & co.: Directory, 5768

Clothing business
  Elliott: Journal, 8385
  ———: Letter books, 8386

Cloths
  Michigan. Legislature. House. Committee on manufactures: Report of committee to whom was referred resolution inquiring into expediency of encouraging manufacture of linen, cotton and woolen cloths, 4177

Clover
  Beal: Observations on leaves of, 307
  ——: Study of seeds of timothy and red clover, 315
  Crozier: Crimson clover, 872
  Michigan. Agricultural college. Experiment station: Alsike clover, 3013
  ———. ——— ———. ——— —— ———: Doubtful substitutes for clover, 3016
  Shoesmith: Sweet clover, 6240
  Wheeler: Insects of clover field, 6885

Clowes, W. F.
  Detroit light guard, 712

Club register co.
  Annual directory of women's clubs, 713

Clubb, H. S.
  Michigan. Constitutional convention: Journal of Constitutional commission, 3322
  Michigan legislative excursion, 714
  Spring Lake, 715

Clubs
  Lindemann: Twelve projects for Mich. clubs, 2747
  Michigan. State Library: Outline of study for use of clubs, 5044
  ———. —— ———: Study clubs, 5049
  See also Women. Clubs

Clute, O.
  Dr. T. C. Abbot, 716
  Education at M. A. C., 717
  Michigan. Agricultural college: Bread, brawn, brain, 2987
  Spurry [and] flat pea, 718

Coal
  Lane: Coal, 2597
  Michigan. Geological survey: Coal in lower Mich., 3561
  Schaefer: Coal fields of Saginaw, 6152

Coal mines and mining
  Cooper: Geological report on Bay co., 831
  Lane: Northern interior coal field, 2606
  Michigan. Dept. of labor: Annual report, 3353
  See also Mines and mineral resources

COAST PILOT
  Scott: New coast pilot for lakes, 6189
Coates, J.
  Michigan. Legislature. House. Committee on elections: Report in relation to qualifications to seat, 4040
Cobb, F. J.
  Society of colonial wars. Michigan: Historical paper, 6324
Cochran, N. D.
  Heroine whose name is not found in society column, Annie Clemenc, 719
Cochran's commercial institute
  Circular, 720
Cocker, B. F.
  Winchell: Memorial discourse on life and services, 6977
———, W. J.
  Civil govt. of Mich., 721-725
Cockran, J. L.
  Marquette. Charters: Charter, 2883
Codd, G. P.
  Detroit. Mayor: Message, 1225
Codling-moth
  Pettit: Codling-moth, 5717
Coe, G. A.
  Michigan. Legislature. Senate. Committee on privileges and elections: Report of committee to whom was referred memorial of G. A. Coe who claims to have been elected senator, 4627
Coffin, L.
  Reminiscences, 726
Coffinberry, S. C.
  Democratic association of Detroit: Celebration of anniversary of Battle of New Orleans; speech by, 945
———, W. L.
  Ellsworth's addition to Grand Rapids, 7724
Colbert, R. J.
  Ruthven: Miscellaneous papers on zoology, 6057
Colby, C. G.
  Michigan, 7237
Col. Clayton's lake tour, 727
Coldwater
  Alden: State public school, 40
  Board of health
    Annual report, 728
  Board of public works
    First annual report, 729
  Charter and ordinances, 730
  Coldwater, Marshall & Mackinac railroad co.
    Statement, 735
  [Coldwater Republican?]
    Agricultural college, 736
  Directory
    Coldwater, Mich.; pictorial city directory, 734
  Free public library
    Catalogue, 731, 732
  Ladies' library association
    Catalogue, 733

COLDWATER—Continued
  Loan exhibition
    Catalogue, 2733
  Map
    City of Coldwater, by Willits & Waters, 7614
  Methodist Episcopal church
    Robinson: Centenary sermon. Propagandism of Christianity as exemplified in planting and growth of Methodism in U. S., Michigan and Coldwater, 5993
  State public school, see Michigan. State public school
Cole, E. J.
  Grand Rapids flora, 737
——, J. H.
  Michigan. Governor: Official manual and directory, 3746, 3747
——, L. J.
  Delta of St. Clair River, 738
Cole and Demar
  [Birds eye view of] Grand Rapids, 7713
Cole & Keating's Ann Arbor directory, 739
Coleman, H.
  Pontiac daily press, 740
Coles, E.
  History of Ordinance of 1787, 741
Collar & Greiner
  City of Grand Rapids, 7712
Collector of customs, see Customs
Colleges
  Michigan. Legislature. Senate. Committee on education: Report relative to appropriation of swamp lands in aid of, 4460
  ———. State teachers' association: Memorial asking portion of proceeds from swamp lands, 5111
  See also names of colleges
Collin, H. P.
  Twentieth century history of Branch county, 742
Collins, J. B.
  Through Burrough's plant, 743
———, W. H.
  Sermon at burial of Mrs. C. Jaquith, 744
Collins iron co.
  Trowbridge: Mss., 8204
[Colonial club of Grand Rapids], 745
Colonial dames, see National society of the colonial dames of America
Colonial governors, see Order of the descendants of colonial governors. Michigan
Colonial wars, see Society of colonial wars
Colored people of Detroit, 746
  See also Detroit. Negroes; Negroes
Colt, F.
  Payment of taxes under protest, 747
Colton, C.
  Tour of American lakes, 748
———, G. W. & C. B., & co.
  Colton's sectional map [of Michigan], 7266
  Guide map of Mich., 7269
  Lake Superior and Upper Peninsula, 7921

COLTON, G. W. & C. B., & Co.—Continued
  Map of land grant of Grand Rapids & Indiana railroad co., 7856
  Map showing route of Mich. airline railroad, 8009
  Map showing Toledo & Saginaw Bay railroad and its connections, 8021
  Michigan, 7291
  Railroad and express map of northwestern states, 7373
  Township map of Mich., 7281, 7284
———, **J. H.**
  County and township map of Ill., Wis., Minn., Iowa and Mo., with parts of Ind., Mich., Kans. and Neb., 7252
  Map of Michigan, 7242
  Michigan, 7225
  Michigan and Wisconsin, 7248, 7250, 7253
  Railroad and township map of western states, 7221
  Traveler and tourist's guide, 752-754
  Western tourist, 749-751
Columbia, City of
  Wadsworth: Mss. for map of, 8177
[**Columbus, pseud**]
  Cautionary hints to Congress, 755
Comey, A. C.
  Detroit suburban planning, 756
Comfort, T.
  Michigan. Legislature. Senate. Committee on state affairs: Report upon petition of, 4662
Commerce
  Bay City. Chamber of commerce: Annual review, 268
  Beals: Commercial, industrial and transportation interests of Detroit, 320
  Blowe: Geographical, commercial and agricultural view of U. S., 393
  Commerce, manufacturing and resources of Detroit, 757
  Michigan. Legislature. Senate. Committee on state affairs: Report on project to levy unequal tolls on commerce through Oswego canal, 4688
  Mills: Our inland seas, 5453
  See also Michigan. Statistics
Commercial credit co.
  Tax list of Grand Rapids, 758
Commercial education
  Michigan. Political science association: Convention of educators and business men, 4793
Commercial feeding stuffs
  Patten: Commercial feeding stuffs, 5662
  Robison: Analyses, 5996
Commercial law, see Business law
Commission, see Michigan. Historical commission
Commissioner of deeds
  [Michigan. Governor]: Instructions to applicants for appointment, 3772
Committee for immigrants in America
  National Americanization committee: Americanizing a city, 5522
COMMON SCHOOLS, see Primary schools; Schools
Commonwealth power co.
  Woodruff: Water power bill, 7034
Compass
  Brooks: On use of magnetic needle, 452
Compendium of history and biography of Detroit and Wayne co., 759
Compiled laws, see Michigan. Laws, statutes, etc.
Complete street railway directory of Detroit, 760
Compulsory education
  Michigan. Dept. of public instruction: Law governing compulsory education, 3397
Comstock, C. B.
  U. S. Lake survey: Annual report upon survey of northern and northwestern lakes, 6673
———, **H. H.**
  Michigan. Legislature. Senate. Committee on banks and incorporations: Report of committee to whom was referred petition for charter of bank at Otsego, Allegan co., 4446
Conant, H. A.
  Michigan. Dept. of state: Digest of laws pertaining to duties of secretary of state, 3498
  ———. ———. ———: Supplement of Green's treatise on townships, 3527
Conclusive reasons why grounds of Mich. national guard should be at Holland-Grand Rapids site, 761
Concrete
  Godfrey: Detroit River tunnel, 1820
Condensed information for Christian endeavor convention, 762
Conder, T.
  North America agreeable to most approved maps and charts, 7111
Conduct of life
  Walker: Opening lecture before Y. M. C. A. of Detroit, 6789
Conely, E. F.
  Argument on elevated railroad, 763
———, **J. D.**
  Mss., 8122, 8123
Conger, J. L.
  Report on public archives of Mich., 764
[———, **N. B.**]
  Report of director of Weather service dept., 765, 766
———, **O. D.**
  Harbor and river appropriations, 767
[———, **T.**]
  To delegates of Democratic state convention, 768
Congregationalists
  Ann Arbor
    Congregational church. Ladies' aid society
      Cook book, 117

CONGREGATIONALISTS—Continued
First Congregational church
Confession of faith, 121
Manual, 122
Officers and members, 123
Report of church and society, 126
Roll of members, 124
Souvenir, 125
Barber: Vermontville colony, 217
Congregational churches of Mich., 769
Cutcheon: Fifty years growth, 894
Detroit
Churches
History and directory of churches of Detroit, 2141
Our churches, Detroit, 5619
See also name of church under Detroit
First Congregational church
Books in library, 1143
Byzantine art, 1144
Fiftieth anniversary, 1145
First Congregational church and society, 1146
Profession of faith, 1147, 1148
Quarter centennial, 1149
First Congregational Unitarian society
Catalogue of Sunday school books, 1150
Woodward Avenue Congregational church
Our church, 1370
Woodward Ave. Cong. church manual, 1371
East Saginaw
First Congregational church and society
Manual, 1567
Grand Rapids
Churches
Moerdyk: History, 5465
Congregational church
Grand Rapids receipt book, 1896
Manual, 1897
Park Congregational church
Immen: Story of Park Congregational church, 2280
Lansing
Plymouth church
Manual, 2658
Prudden: Sermon at dedication, 5889
———: Twenty years history, 5890
Michigan. Laws, statutes, etc.: Digest of general statutes on religious corporations, 3848
Michigan. Congregational association
Minutes, 3295
Western Michigan Congregational club
Constitution and by-laws, 6871
See also Biographical sketches; Biographies; Missions and missionaries; Olivet college; name of institution, local church or organization

CONGRESS
Michigan. Legislature. House. Select committee: Report on obtaining just representation of state, 4302
Congressional districts
Michigan. Legislature. House. Select committee: Minority report in relation to dividing state into, 4303
———. ———. Senate. ——— ———: Report of committee to whom was referred part of governor's message which relates to formation of districts, 4705
[Conkling, E.]
Exposition of Mackinaw City, 770, 771
Connolly, J.
Burton: John Connolly, 527
Connor, L.
Camera notes on Muskegon and Milwaukee, 8299
Historical sketch of deceased founders of Detroit academy of medicine, 772
Mich. medical society, 773
Conover, J. S.
Compiled law of Grand lodge of F. & A. Masons, 774
Freemasonry in Mich., 775
Freemasons. Michigan. Grand Lodge: Ceremonies, 1762
———. ———. ——— ———: Monitor, 1763
———, M.
Detroit. Public library: Children's catalog, 1301
Conservation of natural resources
Michigan. Public domain commission: Joint conference of those interested in conservation and development of natural resources, 4809
Conspiracy case, see Great railroad conspiracy case
Constables
Michigan. Legislature. House. Committee on the judiciary: Report on resolution respecting amendment to act to regulate and define powers, 4129
Sessions: Manual, 6201
Constantine
School board
Year-book, 776
Union school
Catalogue, 777
Constitution, see Michigan. Constitution
Constitutional conventions, see Michigan. Constitutional convention; Michigan (Ter.) Constitutional convention
Contagion and contagious diseases, see Michigan. State board of health
Contested elections
Beakes: Contested election, 293
Beaman: Michigan contested election, 321
Hodge: Memorial claiming seat in house, 2178

CONTESTED ELECTIONS—**Continued**
Michigan. Legislature. House. Select committee: Report on contested seat for Chippewa co., 4300
———. ———. ———. ——— ———: Reports relative to Bayley vs. McDonald, 4307
———. ———. ———. Special committee: Majority and minority reports of committee to whom was referred petition of S. L. Bignall to be admitted to seat, 4364
———. ———. ———. ——— ———: Majority report on seats from Wayne co., 4382
———. ———. Senate. Committee on privileges and elections: Report of committee to whom was referred memorial of G. A. Coe who claims to have been elected senator, 4627
———. ———. ———. ——— — ——— — ———: Report of committee to whom was referred petition of B. F. Graves that E. Hussey be excluded from seat in senate, 4628
———. ———. ———. ——— — ——— — ———: Report in contested case of Tyler vs. Pond, 4632, 4633
———. ———. ———. Select committee: Report on contested election in 5th senatorial district, 4716
Trowbridge: Mich. contested election, 6595
Tyler: Petition contesting seat of E. B. Pond for 7th district, 6612
U. S. Congress. House. Committee of elections: Mich. election, 6651
See also Michigan. Legislature. House. Committee on elections

Contingent fund
Michigan. Governor: Special message in relation to manner in which fund has been expended, 3624

Contracts
Beecher: Law of contracts, 329
[Grand Rapids and Indiana railroad co.]: Legislation conferring land grant, 1939

Contributions to medical research, 778

Controversy between S. A. M'Coskry and A. M'Farren, 779

Conveyancing
Axford: Michigan law, 166
Burton: Laws of Mich., 529

Convict labor
[Barnes]: Prisons self supporting, 229
Lathrop: [Memorial relative to contract for], 2688
Michigan. Board of prison industries: Report, 3215
———. Joint prison and affiliated boards: Proposed prison legislation, 3827
[———. Legislature]: Shall convicts be imported, 3966

CONVICT LABOR—**Continued**
———. ———. House. Committee on the state prison: Report of committee to whom was referred annual report of inspectors of state prison, 4211
———. ———. ———. ——— — — — — ———: Report of committee [to whom was referred memorial of mechanics of Jackson], 4214
———. ———. ———. ——— — — — — ———: Report relative to employing convict labor in manufacture of fire arms, 4215
———. ———. Senate. ——— — — — — ———: Report relative to employing a portion of convict labor in manufacture of fire arms, 4616

Cook, A. J.
Birds of Mich., 780, 781
Black wheat-stalk isosoma, 782
Carpet beetle, 783
Codling moth, 784
Enemies of wheat aphis, 785
Experiments with insecticides, 786
Foul brood, 787
Grain plant louse, 788
Honey analyses, 789
Injurious insects, 790
Insecticides, 791
Kerosene emulsion, 792, 793
Plant lice, 794
Planting for honey, 795
Plum curculio, 796
Silo, 797
Spraying with arsenites, 798
Wintering bees, 799

——, C. B.
English or house sparrow, 800

[**——, C. M. C.**]
Michigan, My Michigan, 801

——, C. W.
Brine and salt deposits, 802

——, D. B.
Six months among Indians, 803

——, M. T.
Pearse: Crawfishes, 5686

——, S. F.
Drummond Island, 804
Mackinaw in history; a critique, 805
Michigan. Legislature: Memorial of J. G. Blaine, 3952
———. ———: Memorial of F. B. Stockbridge, 3957
———. ———. House: Constitution, rules, committees, 3967

——, W.
Michigan, 806

Cooke, D. B., & co.
Great western railway guide, 8006

Cookery
Grand Rapids. Congregational church: Receipt book, 1896
Ishpeming. Grace church: Superior cook book, 2350
Muskegon. First Baptist church. Ladies' society: Muskegon cook book, 5514

COOKINGHAM, E. R.
  Atlas of Sanilac co., 75[illegible]
Cooley, E. A.
  Digest of Michigan reports, 807
———, L. E.
  U. S. Deep waterways commission: Report, 6661
———, T. M.
  Digest of reported cases in Mich. reports, 808
  Harrington: Reports, 2051
  Hints to young lawyers, 809
  Lawyer's duty, 810
  Mss., 8197, 8199
  Michigan, 811-813
  Michigan. Laws, statutes, etc.: Compiled laws, 3839
  ————. University: Memorial discourses. Address on, 5194
  ————. ————: Memorial addresses at funeral of Prof. Watson, 5197
  On government ownership, 814
  School boards, 815
  State bank issues, 816
Coolidge, O. W.
  Relation of higher education to state, 817
  Twentieth century history of Berrien co., 818
Coons, G. H.
  Leaf-spot disease of tomato, 819
  Michigan. Academy of science: Report, 2972
  Potato diseases, 820
  Septoria leaf spot disease or celery blight, 821
Cooper, D. M.
  Address on dedication of 1st house of worship in Saginaw valley, 822
  Extracts from Monteith journal concerning introduction of gospel in Michigan, 823
  [Historical and financial statement at rededication of Memorial Presbyterian church], 824
  In memoriam, 2303
  ————. Rev. W. M. Ferry, 2306
  Life of David Bacon and Alice Parks Bacon, 825
  Note book, 8300
  Open letter to T. W. Palmer, 826
  Obituary discourse on death of N. H. Ferry, 827
  Plea for smaller college, 828
———, J. F.
  Oak-openings, 829
———, M. O.
  Study in cost of producing milk, 830
———, W. F.
  Geological report on Bay co., 831
  Lane: Fossils, 2598
  ——: Geological report on Huron co., 2599
  Surface geology; Bay co., 7762, 7763
  Topographic map of Bay co., 7764

COOPERATIVE SOCIETIES, see Kalamazoo. Cooperative society; Mechanics' and laboring men's cooperative associations; Michigan. Laws, statutes, etc.
Cooperative society of national supply co.
  Prospectus, 832
Coopersville
  Polk, Murphy and co.: Directory, 5790
Copper bearing rocks
  Michigan. Geological survey: Upper Peninsula, 3576
Copper country commercial club
  Strike investigation, 833
Copper Creek mining co.
  Receipt stub-book, 8301
Copper Harbor
  [Map of] Copper Harbor, by T. S. Thompson, 7936
  Preliminary chart, by U. S. War dept., 7937
Copper miners' strike, 1913-1914
  Copper country commercial club: Strike investigation, 833
  U. S. Dept. of labor: Michigan copper district strike, 6664, 6665
  Western federation of miners: Miners' bulletin, 6868
Copper mines and mining
  Allen: Mineral resources of Mich., 60
  Carnahan: Development of Lake Superior copper mines, 580
  Clarke: Notes from copper region, 707
  Copper mines of Lake Superior, 834
  Copper range consolidated co.: Report, 835
  Disturnell: Lake Superior guide, 1525
  Foster: Report on geology and topography of Lake Superior land dist., 1736
  Lawton: Review of Lake Superior copper mining, 2697
  Michigan. Governor: Messages of H. S. Pingree, 3756
  Mining journal co.: 1st annual review of industry of Lake Superior, 5457
  Munroe: Copper princess, 5506
  Osceola consolidated mining co. of Michigan: Report, 5613
  Pettit: Remarks respecting copper district of Lake Superior, 5728
  Picturesque iron and copper mining, 5735
  Rickard: Copper mines of Lake Superior, 5978
  St. John: True description of Lake Superior country, 6115
  Smith: Prehistoric and modern copper mines of Lake Superior, 6312
  Stockton: Report communicating report of superintendent of mineral lands on Lake Superior, 6415
  Swineford: History and review, 6447
  Tabular statement of copper and iron business of Lake Superior, 6451
  U. S. Congress. House. Committee on public lands: Mineral lands—sale of, 6654

COPPER MINES AND MINING—Continued
- —. —. Dept. of labor: Mich. copper district strike, 6664,6665
- Visit of American institute of mining engineers to Lake Superior copper mines, 6767
- Wright: Development of copper industry of northern Mich., 7044
- ———: Where copper was king, 7045
- See also Mines and mineral resources

Copper mines of Lake Superior, 834

Copper ores
- Gordon: Geol. sec. from Bessemer down Black River, 1831
- Irving: Copper-bearing rocks of Lake Superior, 2341.
- Lane: Salt water in lake mines, 2607
- ——: Theory of copper deposition, 2609
- Pumpelly: Copper district of Upper Peninsula, 5894
- Rominger: Geological report on Upper Peninsula, 6012
- Wadsworth: Origin and mode of occurrence of Lake Superior copper deposits, 6774

Copper range
- Sketch map, 7825

Copper range consolidated co.
- Annual report, 835

Copway, G.
- Life, history and travels, 836
- Pa-mah-duk ke-ne-bood, 8302

Corals, Fossil
- Rominger: Palaeontology, 6015

Corliss, J. B.
- Detroit. Ordinances, etc.: Revised ordinances, 1260

Corn
- Geismar: Corn production, 1792
- Jeffery: Corn improvement, 2388, 2389
- ———: Corn; selecting, 2390
- ———: Crop, 2391
- Shoesmith: Corn growing, 6238
- Smith: Feeding corn smut to dairy cows, 6273
- ———: Some experiments in corn raising, 6283

Cornell, M. E.
- Brief account of wonderful discovery of prehistoric relics, 837

———, W. F.
- North Lansing business directory, 838

Cornell
- Polk & co.: Directory, 5767

Coroners
- Parker: Coroners and coroners' inquests, 5642

Corporation law
- Cheever: Corporation form book, 654
- Hamilton: Consolidated corporation law, 2025
- Lee: Suggestions for amendment of laws governing corporations, 2707
- Michigan. Laws, statutes, etc.: Digest of general statutes on religious corporations, 3848

CORPORATION LAW—Continued
- ————. ——, ———, ——.: Laws regulating foreign and domestic investment cos., 3891
- ————. ——, ———, ——.: Law governing manufacturing and mercantile corporations, 3905
- ————. ——, ———, ——.: Laws governing mining corporations, 3912
- ————. ——, ———, ——.: Mich. corporation law, 3846
- ————. ——, ———, ——.: Modern law of business corporations, 3847

Corporations
- Maybury: Mss., 8189
- Michigan. Dept. of state: List of corporations filed articles of association, 3505
- Powers: Numerous railway cos. vs. Perry F. Powers, 5864
- Prudden: Corporate excess tax plan, 5891
- Russell: Corporations in Mich., 6047
- Webber: Relations of corporations to state, 6843

Cort, C.
- Col. H. Bouquet and his campaigns, 839

Coryell, R. J.
- Taft: Potatoes and potato scab, 6472
- ——: Small fruit notes, 6478

Corunna
- McGrath: Memorial day, 2834
- Polk & co.: Owosso city and Shiawassee co. directory, 5781

Corwin, E. F.
- Use of library bulletins, 840

Cost and standard of living
- Michigan. Dairy and food commissioner: Foods, 3347, 3348

Cottrell, E. W.
- Rev. ed. of memoirs, by-laws, roster and album of Detroit commandery no. 1, K. T., 841

Counties
- Beers: County atlas of Michigan, 7279
- Bridgman's co. and railroad township map of Mich., 7280
- Colton's co. and township map of Ill., Wis., Minn., Iowa and Mo., with parts of Ind., Mich., Kans. and Neb., 7252
- Michigan. Attorney general's office: Communication relative to charging interest on indebtedness of counties to state, 3056
- ————. Auditor general's office: Communication transmitting statement of accounts with, 3111
- [————. ———— ———— ——: Communication submitting abstract of returns from counties complying with act to provide for defraying state charges], 3117
- ————. Geological survey: Report relative to county maps, 3568

COUNTIES—Continued
New railroad, post office and county map of Mich., by National publishing co., 7330
Rand, McNally & co.'s indexed county and township map and shippers' guide of Mich., 7323, 7324
———. ——— ——— map of Michigan., 7307
———, ——— — — ——— ——— and shippers' guide of Mich., 7335
———, ——— — — map of Mich., 7295
Watson's new county, railroad and distance map of Mich., 7285
Western counties of Mich., 7407
Wolverine state, by Haskell bros., 7298
See also Michigan. Legislature. House. Committee on towns and counties; Michigan. Legislature. Senate. Committee on towns and counties

County board of supervisors, see Michigan. State association of supervisors

County clerks
Sessions: Manual, 6201

County superintendents of schools
Michigan. Legislature. House. Committee on education: Report relative to providing for appointment, 4015

Courses of study
Michigan. Commission on high school course of study: Course of study, 3258
———. Dept. of public instruction: Course of study, 3375-3379
———. ———. ——— ———: Manual and course of study for county normal training classes, 3401
———. ———. ——— ———: Manual and course of study, elementary schools, 3402
———. ———. ——— ———: State manual, 3437, 3438

Courtis, S. A.
Manual of instructions for giving and scoring Courtis' standard tests, 842

Courts
Abbott: Practice in civil actions in courts of record, 3
Beecher: Michigan rule book, 332, 333
Cummins: Mich. judicature act, 880
Howe: Laws and courts of Northwest, 2223, 2224
Michigan. Laws, statutes, etc.: Judicature act, 3892
———. Legislature. House. Committee on the judiciary: Report of committee to whom was referred resolutions touching reduction and regulations of costs and fees, 4121
———. ———. Senate. Select committee: Report of committee to which was referred answers from county clerks and so much of governor's message as relates to expenses of courts, 4711

COURTS—Continued
Riddell: 1st judge at Detroit and his court, 5979
Searl: Mich. court rules, 6196
See also Circuit courts; Judiciary; Michigan. Circuit court; Michigan. Courts; Michigan. Supreme court; U. S. Circuit court; U. S. Circuit and district courts

Cowles, Albert E.
Past and present of Lansing and Ingham co., 843
———, Anna B.
Home canning by one-period cold-pack method, 844
Raven: Garment making for girls, 5930
———, C. D.
Michigan. Infantry association: Roster of 17th regt., 3820
———, E. B.
Berrien co. directory, 845
———, H. C.
Ecological relations of vegetation on sand dunes of Lake Mich., 846

Cow peas
Smith: Observations on influence of nodules on roots upon composition of, 6278
Towar: Cow peas, 6554

Cox, B. C.
Michigan. Legislature. House. Committee on claims: Report of committee to whom was referred memorial for services, 4006
———, I. J.
Indian as diplomatic factor, 847
———, J. F.
Bean growing, 848
How to carry out bean-growing project, 849
———, W. J.
Primer of Michigan history, 850-852
———, W. V. Z.
Sons of the American revolution. District of Columbia society: Battle fields of Maumee valley, 6334

Craig, I.
Western Reserve historical society: Battle of French Town, 6880
———, J.
Memorial asking swamp lands to aid improvement of Sauble River, 853

Cram, G. F.
[Map of] Grand Rapids, 7716
——— — Michigan, by Railroad commissioner, 7322
Michigan, 7303
New sectional map, 7282
Railroad map of Mich., 7293, 7297
Railroad and township map of Mich., 7304
Superior map of Mich., 7368
Superior reference atlas of Mich., 7351
Township and railroad map of Mich., 7313

CRAM, Capt. T. J.
  Corrected map of country along proposed boundary between Mich. and Wisconsin to accompany report of, 7384
  General map to accompany report on survey of boundary between Mich. and Wisconsin, 8026

Cram and Stebbins
  Map of Michigan, by Railroad commissioner, 7317, 7319, 7321
  Official map of Mich., by Railroad commissioner, 7314

Cranbrook papers, 854

Cranbrook press
  Booth: Cranbrook press, 400

Crane, C. B.
  Sanitary survey of Saginaw, 855

Crapo, H. H.
  Address at dedication of library building at Flint, 856
  Address before Central Michigan agricultural society at sheep-shearing exhibition, 857
  Michigan. Governor: [Messages], 3686-3690

Crary, I. E.
  Lyon: To J. M. Clayton, 2782

Cravath, I. M.
  Grand army of the republic. Dept. of Michigan: Manual, 1844

[Craves, J. P.]
  Yesterday and today, being story of Bay City and two leading institutions thereof, 858

Crawfishes
  Pearse: Crawfishes of Mich., 5686

Crawford, D. C.
  Atlas of Ionia co., 7472

———, S.
  Rufus Putnam, 859

———, T.
  Mss., 8067

———, T. H.
  Michigan. Legislature. Senate. Select committee: Report of committee to whom was referred circular suggesting passage of law for more effectual prevention of traffic in ardent spirits with Indian tribes, 4730

Crawford county
  Back to farm, 860
  Buckley and Douglas lumber co.: Few facts about farm and fruit lands, 482

Crystal Falls, see Quadrangle maps

Crystal Falls district
  Clements: Crystal Falls iron-bearing district, 710

Cremation
  Michigan cremation association: Mich. cremation association, Detroit, 5389

Creswell, H. L.
  Baker: City of Grand Rapids, 201

CRIME
  Michigan. Commission on vagrancy, disorderly conduct, habitual drunkenness, etc.: Minor offenses, 3268
  Pauperism and crime in Mich., 5677, 5678

Criminal law
  [Bingham]: Hist. of substitution of imprisonment for death penalty, 364
  Black: Does Mich. properly punish crime?, 377
  Donovan: Michigan justice's guide, 1536
  Michigan. Legislature. Senate. Committee on the state prison: Report relative to criminal jurisprudence, 4614, 4615
  ———. State board of corrections and charities: Special report, 4870
  Tiffany: Treatise on criminal law of Mich., 6539-6541

Criminal procedure
  Donovan: Michigan justice's guide, 1536

Criminal statistics
  Michigan. Dept. of state: Abstract of reports of sheriffs relating to jails, 3464

Crittenden, A. R.
  History of township and village of Howell, 861

———, R. L.
  Old age pensions, 8303

Crockett, D. W.
  Digest of decisions of Supreme court, 862

Crofoot, F. S.
  Detroit unveiled, 863

Crofton
  Polk & co.: Directory, 5763

Croghan, G.
  Selection of Croghan's letters and journals, 864

Crooked tree
  Wright: Stories of crooked tree, 7051, 7052

Crops
  Jeffery: Elementary laboratory study, 2392

Crosby, A. B.
  Michigan. University. Medical school: Memorial on female medical education, 5303

Cross, A. L.
  History of St. Andrew's church, Ann Arbor, 865

Crossman, D. L.
  Early French occupation of Mich., 866
  Michigan. Legislature: Memorial, 3954

Croswell, C. M.
  Michigan. Board of fund commissioners: Report, 3173
  ———. Charities and corrections, 3245
  ———. Governor: [Messages and pardons], 3712-3718

CROSSWHITE FUGITIVE SLAVE CASE
  [illegible]: Mss., 8041
  Michigan. Legislature. House. Committee on federal relations: Report of committee to whom was referred report touching proceedings in Marshall, 4063
  Wilkins: Mss., 8103
Crotty, D. G.
  Four years campaigning in army of Potomac, 867
Crowe, J. T.
  Map of principal business portion of Detroit, 7040
Crowell & Murray
  Iron ores of Lake Superior, 868
Crowley, M. C.
  Daughter of New France, 869
  Heroine of the Strait, 870
  Love thrives in war, 871
Crozier, A. A.
  Crimson clover, 872
  Cultivated raspberries, 873
  Forage crops, 874
  Millet, 875, 876
  Modification of plants by climate, 877
  [Smith]: Building silos, 6269
Cruikshank, E. A.
  Canada. Archives: Documents, 575
Crumb and Noble
  History and directory of churches of Detroit, 2141
Cucumbers
  Postiff: Cucumbers as cash crop, 5852
Cummings, C. L.
  Great war relic, 878, 879
———, R. W.
  Michigan. Legislature. Senate. Committee on finance: Report relative to memorial, 4477
Cummins, A. M.
  New Mich. judicature act, 880
———, R. H.
  Journal, 881
Cunningham, J. V.
  Michigan. Dept. of labor: Sections of act relating to employment of females and minors, 3352
Currency
  Michigan. Governor: Communication transmitting resolutions of Kentucky relative to, 3602
  See also Money
Currie, Cameron & co.
  Austin, F. G., as trustee in bankruptcy, 8227
Currier, A. O.
  List of shell-bearing mollusca, 882
Curriers, N.
  Plan of canal and town of Huron, 7728
Curry, C., see Martin & Curry
Curtis, J. E.
  Fish in national park, 883
———, O. B.
  History of Twenty-fourth Michigan, 884
CURWOOD, J. O.
  Great Lakes, 885
Custard, Mrs. A.
  French settlement in St. Joseph co., 886
Custer, E. B.
  Boots and saddles, 887, 888
  Following the guidon, 889
  Gen. Custer at battle of Little Big Horn, 890
  Tenting on plains, 891, 892
———, Gen. G. A.
  Custer: Boots and saddles, 887, 888
  ———: Following the guidon, 889
  ———: Gen. Custer at battle of Little Big Horn, 890
  ———: Tenting on plains, 891, 892
  Harris: Stories of Civil war, 2060
  Kidd: Personal recollections of a cavalryman, 2528
  Michigan. Custer monument commission: Ceremonies attending unveiling statue, 3343
  ———. ——— ——— ———: [Invitation to attend ceremonies of unveiling], 3344
  Walker: Campaigns in Northwest and final surrender, 6792
  Whittaker: Popular life, 6914
  Wild life on plains, 893
Customs, Collector of
  Woodbridge: Mss., 8051
  See also Sault Ste. Marie. Revenue office
Cutcheon, B. M.
  Fifty years of growth in Mich., 894
  In memoriam. John A. Logan and Seth C. Moffatt, 895
  Michigan. University: Defalcation in chemical laboratory, 5227
  Smith: Full and complete description of centennial celebration in Manistee, 6265
  Story of Twentieth Mich. infantry, 896
  Utley: Class of sixty-one, U. of M., 6731
  ———: Michigan as province, territory and state, 6733
Cutler, H. G.
  History of St. Joseph co., 897
  Powers: History of northern Mich., 5862
———, M.
  Poole: Ordinance of 1787, 5803
———, W. P.
  Ordinance of 1787, 898
Cutter, C.
  Guide to Mt. Clemens, 899-902
Cyclopedia of Mich., 903, 904

Daboll, S. B.
  Past and present of Clinton co., 905
Daily state Republican
  Happy new year, 906
Dairy and food laws
  Michigan. Laws, statutes, etc.: Dairy and food laws, 3850

DAIRYING
Anderson: Second report of grade dairy herd, 89
———: Studies in milk production, 90
———: Studies in butterfat, 91
Helme: Clean cows, 2102
Johnson: Report of warming water for dairy cows, 2414
Pere Marquette railroad co.: Dairying, 5698
Shaw: 1st annual report of grade dairy herd, 6219
———: Roots supplementary to silage for dairy cows, 6223
Smith: Dairy records, 6270
———: Feeding corn smut to dairy cows, 6273
———: Grade dairy herd, 6275
True: Discussion of farm dairy methods, 6596
Upper Peninsula development bureau: Dairying in Upper Peninsula, 6722
See also Butter; Cattle; Michigan. Dairy and food commissioner; Michigan. Dairymen's association; Milk

Dakin, M. H.
Michigan. Legislature. House. Committee on charges against M. H. Dakin: Investigation, 4004

Dale, J. T.
Western Michigan lake shore horticultural association: Proceedings of convention, 6877

Damages
Baldwin: Law of personal injuries, 207, 208

[Dana, C. W.]
Garden of the world, 907

———, E.
Geographical sketches on western country, 908

Danforth, E. B.
Michigan. Legislature. Senate. Committee on privileges and elections: Report of committee to whom was referred memorial of G. A. Coe who claims to have been elected senator, 4627

[Daniells, J. T.]
History of memory day, 909

Darby, W.
Tour from New York to Detroit, 910
View of U. S., 911

D'Arcambal, Mrs. A. L.
DePuy: Pebbles and pearls, 950

Dartmouth, Town of
Mss., 8171, 8172

Dash, M.
History of Lansing, 912

Dau's blue book for Detroit, 913

Daughters of the American revolution
Michigan
Elijah Grout chapter, Leslie
Vliet: History of early life and business interests of Leslie, 6769

DAUGHTERS OF THE AMERICAN REVOLUTION—Continued
Lansing chapter
Lansing chapter, 914
Twenty-fifth year, 915
[Program of] annual conference, 916
Report of gifts, 917
Report of state secretary, 918
Sophie de Marsac Campau chapter, Grand Rapids
Program, 920
Yearbook, 921
Yearbook, 919

Daughters of 1812. Michigan
Programme for bronze statue of Gen. Macomb, 922

Dau publishing co.
Grand Rapids society blue book, 1955

Davenport, E.
Feeding steers, 923
Pigs, 924

———, I.
Mss., 8133

Davidson, G. I.
Building inspector's hand book of Grand Rapids, 925

Davies, G.
Michigan. Treasury dept.: Communication [relative to claim], 5130

Davis, A.
Michigan. University. Board of regents: Communication [relative to plan for university], 5225

———, Calvin O.
Public secondary education, 926

———, Charles A.
Field work in towns and cities, 927
Hankinson: Biological survey of Walnut Lake, 2035
Lane: Geological report on Huron co., 2599
Peat, 928
Topographical map of Tuscola co., 7812
Wood-lot studies, 929

———, C. E. L. B.
U. S. Engineer dept.: General and detail drawings of Poe lock, St. Mary's Falls canal, 6667
———. —. ——— ———.: New lock at St. Mary's Falls canal, 6670

———, C. G.
Michigan. Legislature. House. Committee on the state prison: Report relative to allowing losses upon contracts, 4209

———, G. C.
Army worm, 930
Celery insects, 931
Locusts, 932
Pests, 933
[Some injurious insects], 934
Taft: Pests of orchard and garden, 6469

———, J.
Kingsbury: Memorial asking legislation on Grand Rapids canal, 2538

DAVISON
Polk & co.: Directory, 5768
Dawson and Bates
Michigan. Legislature. House. Committee on printing: Report of committee to whom was referred account of, 4198, 4199
Day, D. H.
Glen Lake region, 935
——, F. M.
Detroit. City plan and improvement commission: Report on center of arts and letters, 1098
——, G. B.
Trowbridge: Pioneer days, 6594
——, H. A.
Atlas of Genesee co., 7453
Day books, see Manuscripts
Deaf and dumb
Michigan day schools for teaching speech to deaf, 5393
Wesselius: Michigan day schools for teaching speech to deaf, 6864
See also Defective and delinquent classes; Michigan. Asylum for the deaf, dumb and blind; Michigan. Asylums
Deaf and dumb school, see Michigan. School for the deaf
Dean, M. L.
Notes on small fruit, 936
Taft: Notes on strawberries, 6465
——: Notes on vegetables, 6466
——: Small fruit notes for 1904, 6479
——: Strawberry notes for 1901, 6486
——: Tomatoes and potatoes, 6487
——: Vegetables and bush fruits, 6489
——: Vegetables, old and new, 6493
Dean-Hicks printing co.
Efficiency, 937
Grand Rapids, Mich., 938
Dearborn, H.
Dearborn: Defence of Gen. Dearborn, 939
————, H. A. S.
Defence of Gen. Dearborn, 939
Dearborn
Beginning and development of Catholicity in, 336
Nowlin: Bark covered house, 5574
Death penalty
Michigan. Legislature. Senate. Committee on the judiciary: Report of committee to whom was referred petition asking restoration of, 4556
Deaths
Michigan. Laws, statutes, etc.: Laws relating to registration, 3835
————. ——, ———, ——.: Laws concerning record, return and compilation, 3906
Ranney: President's annual address, 5922
Smith: Influence of sewerage and water supply on death-rate in cities, 6295
See also Michigan. Census; Michigan. Statistics, vital

DEBTOR LAWS
Michigan. Laws, statutes, etc.: Act to prevent debtors from giving preference to creditors, 3851
————. Legislature. Senate. Committee on the judiciary: Report of committee to whom was referred petition to alter collection law that debtor shall not possess advantage over creditor, 4551
Debts
Michigan. Legislature. House. Committee on the judiciary: Report on resolution as to expediency of abolishing laws for collection of debts, 4123
————. ————. ————. ————
————: Report relative to imprisonment, 4124
————. ————. Senate. Select committee: Report of committee to whom had been referred so much of governor's message as relates to imprisonment for debt, 4712
————. ————. ————. ————
————: Report on abolishing imprisonment for debt, 4713
See also Michigan. Board of fund commissioners; State debt
Decade
Barnaby: The decade, 227
DeCeleron,
See Céloron, P. J.
Decoration day, see Memorial day
Deeds
Collection of, 8164
See also Conveyancing
Deep waterways convention
Lake transportation, 940
Defective and delinquent classes
Michigan. Commission on extent of mental defectiveness: Report, 3261
————. Commission on vagrancy, disorderly conduct, habitual drunkenness, etc.: Minor offenses, 3268
————. Dept of state: Annual abstract of statistical information, 3468
————. ——. — ——: First annual report giving number of insane, deaf, dumb, blind, 3500
————. Farm colony for epileptics: Biennial report, 3535
————. Home and training school: Biennial report, 3808
————. Laws, statutes, etc.: Laws relating to insane and feeble-minded, 3884
————. State board of corrections and charities: Proceedings of annual convention, 4869
See also Deaf and dumb; Insane
Defiance
Polk & co.: Directory, 5767
Deforestation
Horton: Deforestation, 2208

DEJEAN, P.
[Potter]: Michigan's first justice of the peace, 5856
Delamarter, L.
Distribution of deaths from diphtheria, 941
DeLand, C. V.
History of Jackson co., 942
Michigan. State tax statistician: First annual report, 5109
DeLery
Plan of Detroit, 7616
DeLong, N.
Muskegon. Ordinances, etc.: Ordinances, 5516
Delinquent taxes
Michigan. Auditor general's office: Report concerning delinquent tax fund, 3127
[———. ——— ——— ———: Statement in compliance with resolution requesting estimate of annual expenses consequent upon return of non-resident delinquent taxes], 3144
———. Legislature. House. Committee on ways and means: Report of committee to whom was referred resolution in relation to returns, 4282
Delisle, G.
Carte du Canada ou de la Nouvelle France, 7100
———, W. H.
Directory of Bay City, 943
Delray
New map of Detroit and suburbs, by S. Farmer & co., 7681
Delta boating and fishing club
By-laws, 944
Delta county
[Map of] Delta co., by J. I. Berry, 7448
Ogle & co.: Standard atlas, 7447
Polk & co.: Directory, 5767
Demmon, I. N
Hinsdale: History of U. of M., 2128
Democratic association of Detroit
Celebration of anniversary of Battle of New Orleans, 945
Democratic party
Address of members of legislature, 14
Bugle blast, 484
Cass: Address to Democracy of Detroit, 607
Cass platform, 612
[Conger]: To delegates of Democratic state convention, 768
Felch: Mss., 8154
Granger: Progress of radicalism, 1973
Proceedings of territorial convention, 946
Webster: History of Democratic party organization in Northwest, 6846
See also Michigan. Politics; Politics; Republican party
Democratic Republican party. Michigan Territory
Address of committee, 947
DeMOEN, C. G.
Van Raalte: De toestand der Hollandsche kolonisatie in Mich., 6748
DeMolay, Order of
Benedict: History, by-laws, and roster of De Molai commandery, no. 5, K. T.
See also Freemasons
Demurrage
Stevens: "Reciprocal demurrage," 6399
Denby, E.
Edwin Denby club: For Congress E. Denby, 1581
[Denison, C. S.]
Free public schools of Mich., 8032
Dennett, G.
Mss., 8203
Dennis, Mrs. C.
Petition for prohibiting sale of liquors, 948
———, T. and W.
Michigan. Legislature. House. Committee on claims: Report of committee to whom was referred claim, 4007
Denominational colleges, see name of college
Densmore, J. B.
U. S. Dept. of labor: Mich. copper district strike, 6664, 6665
Dental association, see Michigan. Dental association
Dentistry
Michigan. State board of dental examiners: Annual report, 4871
Price: Status of mouth hygiene in preventive medicine, 5873
Dentists
Physicians', dentists' and druggists' directory of Mich., 5733
Denton, S.
Michigan. Legislature. Senate. Committee on state affairs: Report of committee to which was referred petition praying for amending constitution by expunging word "white", 4664
———. ———. ———. ——— ——— — ——— ———: Report of committee [to whom was referred petitions for law for appraisal of damages for lands flowed by mill dams], 4674
———. ———. ———. ——— ——— — ——— ———: Report of committee to whom was referred resolution relating to protection of American industry, 4685
———. ———. ———. Select committee: Report of committee to which was referred bill to improve administration of justice, 4722
Dependent and ill-treated children, see Michigan. State public school
DePeyster, A. S.
Detroit. Commandant: Commission to J. Pouget, 8309
Miscellanies, 949
DePuy, E. C.
Pebbles and pearls, 950

DEQUINDRE, MAJOR
  Michigan. Legislature. Senate. Committee on the militia: Report in relation to, 4601

DeRepentigny, see Repentigny

Dermont, A. M.
  [In memoriam], 148

DeSchweinitz, E. A.
  Life and times of D. Zeisberger, 951

Description of medical and surgical sanitarium, 952

Descriptive America, 953

Descriptive pamphlet of authors' carnival, 954

Desilver, C.
  New map of Mich., 7233

Desnoyers, P. J.
  Emmons: Mss., 8068

Detroit
  Academy of medicine
    Connor: Historical sketch, 772
  Agricultural committee
    Report, 955
  Album, 39
  American exchange national bank
    Canfield: Check stub-book, 8286
  Amusements
    Ross: Industrial school entertainments, 6031
  Annual reports, 956
  Architects' and builders' directory, 957
  Art association
    Constitution, 958
  Art club
    Catalogue, 959
  Art collection
    [Catalogues], 960
  Art gallery
    Detroit. International fair and exposition association: Art gallery, 1204
  Art loan
    Catalogue, 961
    Record, 962
  Art, municipal, see Detroit. City plan and improvement commission
  Art museum, see Detroit. Museum of art
  Art study
    Liggett: Art education in Mich., 2741
  Art work
    Parish publishing co.: Art work of Detroit, 5638
  Arts and crafts theatre
    Cheney: Art theatre, 660
  Arts, fine, see Detroit. Musical association; Detroit. School of fine arts
  Associated charities
    Associated charities of Detroit, 964
    Social service directory, 963
  Association of charities
    By-laws, 965
    Proceedings, 966
  Athletic club
    Articles of association, 967

DETROIT—Continued
  Atlases
    Baist's real estate atlas of surveys, 7679, 7687
    Robinson: Atlas, 7646
    See also Detroit. Maps
  Audubon club
    Constitution, 968
  Authors' carnival
    Descriptive pamphlet, 954
  Automobiles, see Automobiles
  Bank clerks' association
    Constitution, 969
  Bankers' club
    [Yearbook], 970
  Banks, see name of bank under Detroit; Banks and banking
  Baptist churches, see Detroit. First Baptist church
  Baptist mission
    Eighteenth st. Baptist mission, 1582
  Baptist young people's union
    Manual, 971
  Bar
    Memorial, 972
  Bar association
    Act of incorporation, 973, 974
    Articles of association, 975
    First centennial anniversary, "John Marshall day", 976
    New Wayne county court house, 977
  Belle Isle bridge
    Detroit. City plan and improvement commission: Preliminary plan of Detroit, 1096
  —— —— park
    Address to public; advisability of purchasing Belle Isle for park, water works and basis for tunnel, 16
    See also Detroit. Parks
  Bicentenary
    Michigan Catholic bicentenary supplement, 5366
  Biographies
    Detroit illustrated, 1455
    [Farmer: Biographical data for history], 8394
    Marquis: Book of Detroiters, 2893, 2894
    Ross: Early bench and bar of Detroit, 6029
    ——: Landmarks, 6032
    See also Detroit. History
  Board of commerce
    Annual report, 978
    Detroit, 979
    ——— and its automobiles, 980
    ——— board of commerce, 981
    ———, seventh in population, 982
    Detroiter, 983
    Educational side of big Amer. city, 984
    Hudson: Detroit, 2255
    Improvement of Detroit, 985
    Information for immigrants, 986
    International commerce of North America, 987

DETROIT—Continued
    - Olmsted: Improvement of Detroit, 5603
    - Parks of Detroit, 7686
    - Record of 13 years, 988
    - Recreation survey, 989
    - Report of Joint sanitation committee, 990
    - Souvenir book, 991
- Board of education
    - Annual report, 992
    - Cardboard construction,.993
    - Catalog of Cass technical high school, 994
    - Course of study in geography, 995
    - ——— — ——— — language, 996-998
    - Directory of public schools, 999
    - Education in Detroit, 1000
    - English composition, 1001
    - Hand book of Junior high schools, 1002
    - Is change necessary, 1003
    - Manual, 1004
    - Memorial, 1005
    - Nature study outline, 1006
    - Outline courses, 1007
    - Outline of course in domestic science, 1008
    - Outline of work, 1009
    - Proceedings, 1010
    - Recommendation to establish continuation schools for girls, 1011
    - Report of committee on library, 1012
    - Reports on petition for Bible in schools, 1013
    - Rules, 1014, 1015
    - Scenes from history and literature, 1016
    - Special report of School for deaf, 1017
- Board of estimates
    - Proceedings, 1018
- Board of health
    - Annual report, 1019
    - Bulletin, 1020
- Board of poor commissioners
    - Annual report, 1021
- Board of sewer commissioners
    - Report, 1022
- Board of trade
    - Annual report, 1023
    - Annual statement of trade and commerce, 1024
    - Constitution, 1025-1027
    - Niagara ship canal, 1028
    - Ross: Industrial school entertainments, 6031
- Board of trustees
    - Proceedings, 1029
    - See also Detroit. Common council
- Board of water commissioners
    - Act of incorporation, 1030, 1031
    - Annual report, 1032
    - Copy of Chauncey Hurlbut's will, 1033
    - Regulations, 1034
- Boat club
    - Articles of association, 1035
- Boys school, see Detroit school for boys

DETROIT—Continued
- Brady guards
    - Constitution, 1036
- Bridge and iron works
    - Memoir, 1037
- Bridges
    - Ely: Remarks in opposition to bridge at Detroit, 1598
    - ——: Shall waterway of Great Lakes be obstructed by bridge at Detroit?, 1599
- Builders' and traders' exchange
    - Alphabetical and classified list, 1038
    - Builders' and traders' exchange, a live, local organization, 1039
- Builders of better Detroit, 485
- Building commission
    - Annual report, 1040
    - Building code, 1041, 1042
- Building laws
    - Bulkley: Building laws, 486
- Buildings
    - Button: Mss., 8152
- Bureau of governmental research
    - Public business, 1043
- Business men
    - Economic study for, 1573
- Cadillac day celebration
    - Souvenir of Cadillac day, 6349
- Campbell's park subdivision, 7701
- Cass Avenue Methodist Episcopal church
    - Directory, 1044, 1045
    - Prospectus, 1046
    - Year book, 1047
- Cass parks
    - Detroit. Common council: Remarks of W. Hale, 1111
- Cass technical high school
    - Detroit. Board of education: Catalog, 994
- Catholics
    - Carter: French mission life, 581
    - Michigan Catholic bi-centenary supplement, 5366
    - Souvenir album of Catholic churches, schools and institutions, 6348
    - See also name of church
- Catholic study club, 622
- Catholic young men's literary society
    - Constitution, 623
- Cemeteries, see name of cemetery
- Centennial celebrations
    - Detroit today: Cadillac bi-centenary ed., 1486
    - Wayne co. Historical and pioneer society: Souvenir of Cadillac day, 6831
    - See also Detroit. Woman's bi-centenary committee
- Central high school
    - Dedication, 1048
    - Quiver, 1049

DETROIT—Continued

- Central Methodist Episcopal church
  - Central M. E. church; past, present and future, 1050
  - Central M. E. Sunday school, 1051
  - Directory, 1052
  - Names of members, 1053
  - Order of exercises at laying of corner stone, 1054
- Chamber of commerce
  - Detroit, its commerce and industries, 1055
  - Detroit. Mercantile society: [Papers relating to erection of chamber of commerce], 8318
  - Parcels post rates, 1056
- Charities
  - Detroit. First Presbyterian church: Report of helping hand society, 1160
  - Social conference club, 6321
  - See also Detroit. Associated charities; Detroit. Free press fresh air fund; Detroit. Home for the friendless; Detroit. Working women's home association; Detroit. Young men's benevolent society
- Charity festival
  - Illustrated catalogue, 1057
- Charters
  - Bradford: Petition for revision, 422
  - Charter and ordinances, 1058-1084
  - See also Detroit. Ordinances
- Children, see Detroit. Juvenile offenders; Detroit. Orphan asylum; Detroit. Protective agency for women and children
- Children's free hospital association
  - Annual report, 1085
- Christ church
  - Final report of building committee, 1086
  - Pew record, 8304
- Chrysanthemum exhibition
  - Official programmes, 1087
- Church of Christ
  - Campbell: Review of pamphlet, 562
- Church of the United Brethren in Christ
  - Some information about church nearest you, 1088
- Churches
  - History and directory of churches of Detroit, 2141
  - Our churches, Detroit, 5619
  - See name of church under Detroit
- Cigarmakers' benevolent association
  - Constitution, 1089
- Citizens
  - [Petition that application of Gas light co. for increase of capital stock be granted], 8305
  - [Report of] meeting to express condemnation of action granting Detroit railway co. extension of time for franchise, 8306

DETROIT—Continued

- Citizens' educational committee
  - [Correspondence and printed material in reference to proposed legislation for government of Detroit schools], 8307
  - Michigan. Laws, statutes, etc.: Bill for government of Detroit schools, 3853
- Citizen's interdenominational Thanksgiving service, 1090
- City and railway guide, 1420
- City directory, 1421
- City guide, 1422
- City plan and improvement commission
  - Center of arts and letters, 1091
  - City tree planting, 1092, 1093
  - Comey: Detroit suburban planning, 756
  - Conditions in Detroit, 1094
  - [Duquesne]: Preliminary report on program for Scott fountain, 1560
  - James Scott fountain, 1095
  - Olmsted: Improvement of Detroit, 5603
  - ———: Park for Detroit, 5604
  - Preliminary plan of Detroit, 1096
  - Program of competition, 1097
  - Report on center of arts and letters, 1098
- City tract association
  - First annual report, 1099
- Clark's expedition, see Clark, G. R.
- Clearing house association
  - Constitution, 1100
- Climate
  - Hubbard: Climate of Detroit, 2243
- Club
  - Constitution, 1101
  - The Detroit club, 1102
- Club woman, 1423
- Cochran's commercial institute
  - Circular, 720
- Collector of customs
  - Woodbridge: Mss., 8051
- College
  - Catalogue, 1424
  - Prospectus, 1425
- College of law
  - Announcement, 1426
  - Detroit college of law, 1427
- College of medicine and surgery
  - Announcement, 1428
  - Announcement of graduate courses, 1429
  - By-laws of faculty, 1430
  - Trustees, faculty and graduates, 1431
- Colored citizens, see Detroit. Negroes
- Commandant
  - Commission to J. Pouget, 8309
  - Commission as justice of peace to Thos. Williams, 8310
- Commerce
  - Commerce, manufacturing and resources, 757

DETROIT—Continued
    Haddock: Resources and industrial interests of Mich., 2009
    Hamilton: Statement of trade and commerce, 2027
    [Mitchell]: Detroit in history and commerce, 5462
    See also Detroit. Board of trade; Detroit. Chamber of commerce
  Commerce, Board of, see Detroit. Board of commerce
  Commercial mutual association
    By-laws, 1103
  Commissioner of public works
    Annual report, 1104
  Committee in behalf of the colored citizens
    Memorial for right of suffrage, 1105
  Committee on centennial celebration of evacuation by British
    Centennial celebration of evacuation; report, 625
  Committee of entertainment for the delegates to the International American conference
    Detroit; a sketch, 1106
  Committee on equitable legislation
    Treatise on proposed changes in marriage law, 1107
  Committee of fifty on street railway question
    Barcroft: Report and appraisal of Detroit united railway, 224
    Reports, 1108
  Common council
    Detroit. Citizens: [Petition that application of Gas light co. be granted], 8305
    Emmons: Mss., 8041
    Index to proceedings, 8311
    Journal, 1109
    Manual, 1110
    Remarks of W. Hale, 1111
    Report on taxation, 1112
    Special committee on ways and means Report, 8312
    Standing committees and rules of order, 1113
    Williams: Mss., 8125
    See also Detroit. Board of trustees; Detroit. Charters; Detroit. Ordinances
  Community trust
    [General purpose], 1114
  Congregational churches, see Detroit. First Congregational church; First Congregational Unitarian society; Woodward Ave. Congregational church
  Congress St. M. E. church. Trustees
    Deed, 8313
  Conservatory of music
    Prospectus, 1432
  Controller's office
    Annual report, 1115
    Comparative statistics, 1116
    Comparative table, 1117
    Estimates, 1118
    [Report on garbage disposal], 1119

DETROIT—Continued
  Convention and tourists' bureau
    Beautiful Detroit, 1120
    Map of central business district of Detroit, 7688
    Visions of beautiful Detroit, 1121
  Copper mining company of Arizona
    Articles of association, 1433
  Council of trades and labor unions
    Annual labor day souvenir, 1122
  Courts
    Burton: [Court and other records], 8259
    Riddell: 1st judge and his court, 5979
  Cranbrook society
    Cranbrook papers, 854
  Crematorium, see Michigan cremation association
  Cyclorama company
    Prize essays, 1123
  Daily tribune
    Our domestic resources, 1434
  Dau's blue book, 913
  Deaconess home
    Methodist Episcopal church. Conferences. Detroit: Manual of deaconess home, 2962
  Deaf, school for
    Detroit. Board of education: Special report, 1017
  Decoration day, see Detroit. Joint memorial day committee
  Delta boating and fishing club
    By-laws, 944
  Democratic association
    Celebration of anniversary of Battle of New Orleans, 945
  Dental society
    [List of officers and meetings], 1124
  Dept. of parks and boulevards
    Annual report, 1125
  Dept. of public works
    Gray: Communication in defense of audits, 1977
    Map of Detroit, 7674, 7677
    Official building code, 1126
  Description
    Beautiful Detroit, 324
    Business buildings, 536
    Condensed information for Christian endeavor convention, 762
    Crofoot: Detroit unveiled, 863
    Detroit. Board of commerce: Detroit, 979
    ———. ——— — ————: Detroit, seventh in population, 982
    ———. Chamber of commerce: Detroit, 1055
    ———. City guide, 1422
    ———. Committee of entertainment for the delegates to the international American conference: Detroit; a sketch, 1106
    ———. Convention and tourists' bureau: Beautiful Detroit, 1120

DETROIT—Continued

  - ———: Visions of beautiful Detroit, 1121
  - ———: Illustrated, 1454, 1455
  - ———. International fair and exposition association: Catalogue of entries and exhibits, 1205
  - ———, its points of interest, 1459
  - ———, Lansing & northern railroad co.: Detroit and pleasure resorts of northern Mich., 1462
  - ———, Michigan, 1463
  - ——— of today, 1468
- Dietsche sight seeing autos; seeing Detroit, 1509
- Farmer: All about Detroit, 1651
- ———: Guide and souvenir, 1653
- ———: Guide to streets, street pavements, car routes and house numbers, 1654-1657
- ———: Handbook, 1658
- ———: Illustrated guide and souvenir, 1665
- ———: Map and manual, 1666
- Gentsch: Dictionary, 1797
- Glimpses of Detroit, 1818
- Ideal publishing co. and information bureau: Ideal guide, 2272
- Keep: Guide to Detroit, 2489
- Lates views of Detroit, 2687
- [Lees]: Journal, 2711
- McKinney: Industrial advantages, 2836
- Michigan central railroad co.: Detroit, 5374
- [Moore]: Detroit as she is, 5475
- National educational association: Days in and about Detroit, 5528
- O'Connell: Seeing Detroit, 5584
- Queen city of straits, 5904
- Ransom: Souvenir, 5924
- Smith: Journal in America, 8541
- Souvenir, 6350-6353
- Warner: Picturesque Detroit, 6802, 6803
- Williams and Burnham: Pocket guide, 6961
- See also Detroit. Directories; Detroit. Guide books

Detroit and Bay City railroad
- Joy: Mss., 8136, 8138
- Statement, 1394

——— —— Birmingham plank road co.
- By-laws, 1395

——— —— Cleveland steam navigation co.
- Hero of Manila, 1396
- Lake tour to Mackinac, 1397-1401
- Omena resort, 1402
- Water-way tales, 6815, 6816
- Where to spend summer, 1403

——— —— Erin plank road co.
- Detroit and Howell plank road co.: Toll book, 8340
- Journals, 8338
- Trowbridge: Mss., 8109, 8110

——— —— Eureka gold and silver mining co., 1404

——— —— Howell plank road
- Detroit and Howell P. R., 8001, 8002
- Journal, 8339
- Salem. Township board: Opinions of judges of Supreme court in case, 6133
- Toll book, 8340
- Transfer book, 8341
- Trowbridge: Mss., 8110

——— —— Lake St. Clair plank road co.
- Cash book, 8342

——— —— Mackinac railroad co.
- Helping to feed and clothe America, 1405

——— —— Maumee railroad co.
- Michigan. Legislature. Senate. Committee on the judiciary: Report upon memorial for amendment to charter, 4557, 4558

——— —— Milwaukee railroad
- Burch: Gazetteer, 495
- Cash book, 8343
- Condition and prospect, 1406, 1407
- Diary of C. C. Trowbridge, 8344
- Emmons: Letter books, 8391
- ————: Mss., 8041, 8068, 8073, 8076, 8078, 8080, 8088, 8092
- Howard: Statement showing difference in accounts, 2221, 2222
- Lease, 1408
- Letter book, 8345
- Letter to bondholders, 1409, 1410
- Map, 8003
- Michigan. Governor: Special message on bill to amend act to authorize any township or city in St. Clair, Lapeer, Genesee and Shiawassee cos. to aid construction of railroad from Port Huron, 3689
  - ————. Legislature. House. Committee on banks and incorporations: Report, 3989
  - ————. ————. Special joint committee: Report of committee to whom was referred investigation of affairs of, 4762
- Mortgage, 1411, 1412
- Petition for grant of lands, 1413
- Report, 1414
- Romeyn and Lockwood and Clarke: Mss., 8046
- Trowbridge: Mss., 8158

——— —— Pontiac railroad co.
- Charter, 1415
- Michigan. Attorney general's office: Reply relative to settlement with, 3074
  - ————. ———— ———— ————: Report in relation to, 3077
  - ————. ———— ———— ————: Report relative to, 3082

DETROIT—Continued
[— ——. Auditor general's office: Communication on subject of loan to], 3116
———. Governor: Message transmitting proposition of, 3593
———. Legislature. Senate. Select committee: Report in reference to mortgage, 4714
Pontiac railroad, 1416
Proposition of, 1417
— ——— St. Joseph railroad co.
Proposition for transfer of charter to state, 1418
———, Eel River and Illinois railroad
Joy: Mss., 8138
———, Howell and Lansing railroad
Emmons: Mss., 8078
———, Lansing and Lake Michigan railroad
Joy: Mss., 8136, 8138
———, Lansing and northern railroad co.
Detroit and pleasure resorts, 1462
Joy: Mss., 8138
———, Mackinac and Marquette railroad co.
Map showing lands, by E. Molitor, 7847
———, Monroe and Toledo railroad co.
Detroit and Milwaukee railroad co.: Lease, 1408
——— River savings bank
Brady & co.: Bank books, 8245
——— — —.: Check stub-books, 8246
———, Romeo and Port Huron railroad co.
Prospectus for business, 1472
Deutsch-Amerikanische seminarverein
Deutsch-Amerikanische seminarverein, 1500
Dime savings bank
The dime savings bank, 1127
Diocese
O'Brien: Diocese of Detroit, 5579
Diphtheria
Goldberger: Report of investigation of diphtheria carriers, 1822
Directories
Baker's business directory, 203
Burton: "Cadillac's village", 514
Detroit. Architects' and builders' directory, 957
[———. Associated charities]: Social service directory, 963
———. Board of education: Directory of public schools, 999
——— business directory, 1419
———. Cass Ave. M. E. church: Directory, 1044, 1045
———. Central M. E. church: Directory, 1052
——— city directory, 1421
——— engineers', electricians' and machinists' directory, 1435
———. First Presbyterian church: Directory, 1156
DETROIT—Continued
———. Fort Street Presbyterian church: Directory, 1165
——— telephone key, 1485
Fanning: Pocket or carriage directory of 1st class residences, 1634
History and directory of churches, 2141
Johnston: Detroit city directory, 2419
Musical directory of Detroit, 5510
Reaume: Detroit theatrical and city guide, 5933
Sauer: Standard guide and pocket directory, 6140
Shove's business advertiser, 6241
Wellings: Directory of Detroit, and register of Mich., 6855, 6856
See also Detroit. Guide books
Dodge: Narrative during captivity at, 1532
Eagle fire co.
Constitution, 1128
Economic conditions
Commerce, manufacturing and resources, 757
Edison illuminating co.
Annual report, 1574
Education, see Detroit. Board of education; Detroit. High schools
Elections
Election and registration booths, 1585
Election districts, 1585
[Election tickets], 1587
Johnson: Mss., 8115
McCracken: City of Detroit, 2806
———: Working digest of registration and election laws, 2819, 2820
Michigan. Laws, statutes, etc.: Registration and election laws, 3854, 3855
Electric railway co.
Record book, 8314
Elevated railroad
Conely: Argument, 763
Warfield: Facts concerning proposed elevated terminal railroad, 6801
Elmwood cemetery
Elmwood cemetery, 1129
Farmer: History and rules, 1659
Map, by E. Robinson, 7632
———, — A. W. Blain, 7647
Plan, by D. Molitor, 7663
Register of interments, 8315
Report of board of trustees, 1130
Engineers', electricians' and machinists' directory, 1435
Episcopal churches, see names of churches
Estimates, see Detroit. Board of estimates
Evening and continuation schools
National Americanization committee: Americanizing a city, 5522
Evening news
Detroit in 1900, 1436
——— — 1901, 1437
——— — 1902, 1438
——— — 1903, 1439

DETROIT—Continued

  - Grand pleasure excursions, 1440
  - Guide book, 1441
  - Investigation of Ford profit-sharing, 1442
  - News boys, 1443
  - Summer's vacation, 1444
- Excelsior boat club
  - Excelsior boat club: Articles of incorporation, 1627
- Excursionists' guide, 1445
- Fair, see Detroit. International fair and exposition association
- Farrand training school for nurses
  - Farrand training school for nurses: Announcement, 1672
  - See also Harper hospital
- Federation of labor
  - Annual labor day review, 1131
- Federation of women's clubs
  - Detroit club woman, 1423
- Female benevolent society, see Protestant orphan asylum, Detroit
- Female seminary
  - Catalogue, 1446
  - [Prospectus], 1447
- Finance
  - Detroit. Historiographer: History of Detroit, 1192
  - See also Detroit. Controller's office; Detroit. Treasurer's office
- Fine arts, see Detroit. Museum of art; Detroit. Musical association
- Fire and marine insurance co.
  - Charter and by-laws, 1132
  - Insurance book, 8316
- Fire companies, see Detroit. Eagle fire co.; Detroit. Protection co.; Detroit. Woodbridge fire co.
- Fire dept.
  - Annual report, 1133
  - Bissell: Mss., 8111
  - Charter, constitution and by-laws, 1134, 1135
  - The fire department, 1136
  - Hathaway: Our firemen, 2086
  - Memorial of J. A. Van Dyke, 1137
  - Memorial by order of trustees of old fire dept., 1138
  - Names of signers to constitution, 1139
  - Rules and regulations, 1140
- Fire insurance, see Insurance
- Firemen's fund association
  - By-laws, 1141
  - Souvenir, 1142
- First Baptist church
  - Haskell: Half century memorial, 2077
  - ———: Quarter-century ebenezer, 2080
- First Congregational church
  - Books in library, 1143
  - Byzantine art, 1144
  - Fiftieth anniversary, 1145
  - First Congregational church and society, 1146
  - Profession of faith, 1147, 1148
  - Quarter centennial, 1149

DETROIT—Continued

- First Congregational Unitarian society
  - Catalogue of Sunday school books, 1150
- First national bank
  - Golden anniversary, 1151
- First Presbyterian church
  - Articles of faith and covenant, 1152, 1153
  - Catalogue of Sunday school library, 1154
  - Dedicatory services, 1155
  - Directory, 1156
  - Exercises at laying of corner-stone, 1157
  - Manual, 1158
  - Records, 8317
  - Remonstrance against division of school fund, 1159
  - Report of Helping hand society, 1160
  - Roll of members, 1161
  - Subjects for young people's meetings, 1162
- First United Presbyterian church
  - Handbook, 1163
- Flower show
  - Program and premium list, 1164
- Folio, by W. H. Sherzer, 7769
- Foreign population
  - Detroit. Board of commerce: Information for immigrants, 986
  - National Americanization committee: Americanizing a city, 5522
  - See also Detroit. Public Library
- Fortifications
  - U. S. War dept.: Report relative to certain fortifications for defence, 6696
- Fort Street Presbyterian church
  - Directory, 1165
  - Fiftieth anniversary discourse, 1166
  - Manual, 1167
  - Records of 25th anniversary, 1168
  - Three score and six, 1169
- Fort Street
  - Goodale: Survey, 8405
- Franklin club: Constitution, 1751
- Freemasons, see Freemasons. Detroit
- Free press
  - Annual year book, 1448
  - [Detroit united railway], 1449
  - Short story of 82 years, 1450
  - Some funny things, 6331
  - Very funny, not too funny; just funny enough, 6760
- Free press fresh air fund, 1451
- Gas light co.
  - Charter, 1170
  - Terms upon which public will be supplied, 1171, 1172
- General hospital
  - General hospital: Announcement, 1795
- German-American academy
  - Michigan. Legislature. Senate. Committee on public lands: Report relative to grant of swamp lands, 4579
- German-American seminary
  - Michigan. Legislature. Senate. Committee on public institutions: Report relative to establishing, 4634

- DETROIT—Continued
  - German-Americans, see Deutsch-Amerikanische seminarverein
  - German Republican mass meeting
    - Resolutions on state of union, 1802
  - Grace church
    - Constitution of Young men's association, 1173, 1174
  - Grace hospital
    - Annual report, 1838
    - Grace hospital, 1839
  - Grand lawn cemetery
    - Grand lawn cemetery, 1175, 1176
    - Map of improved portion, 7689
  - Great northern Portland cement co.
    - Prospectus, 1978
  - Guaranteed securities corporation, 1997
  - Guaranty trust co.
    - Duty of stockholder, 1998
  - Guide books
    - Detroit city and railway guide, 1420
    - Detroit city guide, 1422
    - Detroit postoffice official guide, 1470, 1471
    - Sprague: Visitors' guide and dictionary, 6371
    - See also Detroit. Description; Detroit. Directories
  - Hannan's golf club addition, 7699
  - Harmonic society
    - Souvenir, 1177
  - Harper hospital, see Detroit. Farrand training school for nurses; Harper hospital
  - Health, see Detroit. Board of health; Detroit. Sanitary affairs
  - Heating and lighting co.
    - Celebrated Bolton hot water heater, 1178
    - Instructions for setting and connecting Bolton heaters, 1179
  - High School
    - Argus, 1180
    - Argus annual, 1181
    - Helicon, 1182
    - Report of principal, 1183
  - High school alumni association
    - 27th reunion, 1184
  - High school scholarship fund association
    - Rules and regulations, 1185
    - Twelve years, 1186
  - High schools
    - Catalogue, 1187
    - Detroit high schools, 1188
    - See also Detroit. Board of education; Detroit. Cass technical high school; Detroit. Central high school; Detroit. Public schools
  - Historiographer
    - Annual report, 1189-1191
    - History of Detroit, 1192
    - [Report], 1193

- DETROIT—Continued
  - History
    - Albright: [Reminiscences], 8208
    - Anderson: Mss., 8114
    - Bi-centenary of founding, 358
    - Blanchard: Discovery and conquests of Northwest, 386
    - Burton: Building of Detroit, 512, 513
    - ———: "Cadillac's village," 514
    - ———: Detroit bound to be big city, 516
    - [———]: Detroit in earlier days, 517
    - ———: Detroit, 1814-60, 8260
    - ———: [Detroit in 1825-27], 8261
    - ———: [Detroit in 1833-35], 8262
    - ———: [Detroit in 1835-37], 8263
    - ———: Detroit in 1836, 8264
    - ———: [Detroit in 1842-43], 8265
    - ———: [Detroit in 1843-45], 8266
    - ———: [Detroit in 1844-45], 8267
    - ———: Detroit in 1849, 518, 8268
    - ———: [Detroit in 1850-54], 8269
    - ———: [Detroit in 1900], 8270
    - ———: Detroit in revolution, 519
    - ———: Detroit rulers, 520
    - ———: Diary, 8271
    - ———: Early Detroit, 521
    - ———: Excursion into early records of Detroit, 523
    - ———: [History of Griswold Street], 525
    - ———: In footsteps of Cadillac, 526
    - ———: [La Salle and the Griffon], 528
    - ———: Mss., 8129
    - Campbell: [Mss.], 8281
    - Canada. Archives: [Records], 8282
    - Carlisle: Detroit, 578
    - Centennial celebration of evacuation by British, 625
    - Clark: G. R. Clark papers, 695
    - Compendium, 759
    - Crowley: Daughter of New France, 869
    - ———: Heroine of the Strait, 870
    - Detroit: Colonial records of, 8308
    - Detroit evening news: Detroit in 1900, 1436
    - ——— ——— ———: ——— — 1901, 1437
    - ——— ——— ———: ——— — 1902, 1438
    - ——— ——— ———: ——— — 1903, 1439
    - Detroit in history and commerce, 1458
    - Detroit. Public library: Antoine de la Mothe Cadillac, 1281
    - ———. Public schools: Scenes given by elementary schools, 1333
    - Detroit tribune: [Scrap-book], 1491
    - Douglas: Little girl in old Detroit, 1538
    - Early Detroit documents, 8045
    - Edwards: Historical, statistical and commercial review of Mich., including historical sketch of Detroit, 1579

DETROIT—Continued

- Elliott: Oldest Catholic city in West, 1591
- ———: Sketch of life and times of G. Richard, 1592
- Ellis: Forest messengers, 1593
- Evening news association: Current history, 1623
- Farmer: Detroit in 1890, 1652
- ———: History of Detroit and Mich., 1662-1664
- ———: Mss., 8186
- [Foster]: Capitulation or history of expedition by W. Hull, 8398
- Hatch: Chapter of history of War of 1812, 2085
- Hollands: When Michigan was new, 2192
- Leake: History of Detroit, 2705
- Martindale: Loughery's defeat, 2913
- Michigan Catholic bicentenary supplement, 5366
- Michigan (Ter.) Commission on land titles: Governor and judges journal, 5331
- ——— ——— Governor and judges: Report in obedience to act for adjustment of titles of lands, 5333
- Miscellaneous mss., 8126, 8176
- Miskouaki: Indian affairs around Detroit in 1706, 6459
- [Mitchell]: Detroit in history and commerce, 5462
- [Moore]: Governor, judge and priest, 5477
- Palmer: Early days in Detroit, 5630
- Parrish: Sword of old frontier, 5655
- Potier: Jesuit manuscript, 5854
- Powell: Historic towns of western states, 5858
- Rameau: Notes historiques sur la colonie Canadienne de Détroit, 5911
- Riddell: 1st judge at Detroit and his court, 5979
- Roberts: Detroit 100 years ago, 5987
- ———: Sketches and reminiscences, 5988
- [———]: Sketches, 5989
- Ross: Landmarks, 6032
- Society of colonial wars. Michigan: Paul Revere of West, 6327
- Trowbridge: Detroit, past and present, 6588
- ———: Mss., 8158
- Viger: Quelques notes sur Antoine de la Mothe Cadillac, 6764
- Vigneau: Souvenir program, bi-centenary of founding of Detroit, 6765
- Washburn: Detroit, 6809
- Wayne co. records [etc.], 8135
- Wellings: Directory of Detroit; and register of Mich., 6855, 6856
- Whitney: Pontiac; a drama of old Detroit, 6909

DETROIT—Continued

- See also Detroit. Historiographer; Detroit. Politics and government; Detroit. Siege; Detroit. Surrender to the British; Pontiac's conspiracy
- Home and day school
  - Catalogue, 1452
- Home for the friendless
  - Annual report, 1194
  - Home messenger, 1195, 1196
- Home kindergarten school
  - Home kindergarten school: [Announcement], 2197
- Home of industry for discharged prisoners
  - DePuy: Pebbles and pearls, 950
- Homeopathic college
  - Calendar, 1453
- Homeopathy
  - Burton: Beginnings in Detroit, 510
- Home savings bank
  - Statement, 1197
- Horticultural society
  - Preamble, constitution and by-laws, 1198
- Hospitals, see Detroit. Grace hospital; Harper hospital; St. Luke's hospital and church home; St. Mary's hospital
- Hotel association
  - Detroit hotels, 1199
- House of correction
  - Annual report, 1200
  - Law, together with rules, regulations and ordinances, 1201
  - Michigan. Charities and corrections, 3245
  - ———. Legislature. House. Committee on the state prison: Report relative to, 4217
  - Pauperism and crime in Mich., 5677, 5678
- Housing association
  - Right methods in housing bureau, 1202
- Hunting and fishing club
  - Articles of association, 1203
- Hydraulic experiments
  - Williams: Some Detroit hydraulic experiments, 6943
- Illustrated, 1454, 1455
- Imperial life insurance society
  - Common sense talk on life insurance 2281
- Improvement
  - Detroit. Board of commerce: Improvement of city, 985
- Industrial advantages, 1456
- Industrial school
  - Annual report, 1457
- Industries
  - Beals: Commercial, industrial and transportation interests, 320
  - Detroit. Board of commerce: Souvenir book of industrial exposition, 991
  - ———. Chamber of commerce: Detroit, 1055
  - ——— daily tribune: Domestic resources, 1434

DETROIT—Continued
    Detroit's industrial advantages, 1456
    Detroit in history and commerce, 1458
    Detroit of today, 1468
    Detroit tribune: Review of commerce of Detroit, 1490
    Edwards: Industries of Mich., 1580
    Hudson: Detroit, 2255
    Industrial map of Detroit, by S. Farmer & co., 7678
    Industrial map, 7692
    Industries and wealth of Detroit, 2294
    Leonard: Industries of Detroit, 2718
    McKinney: Industrial advantages, 2836
  Industrial school society
    Ross: Industrial school entertainments, 6031
  In history and commerce, 1458
  Insurance companies, see Detroit. Fire and marine insurance co.; Detroit. Manufacturers' mutual fire insurance co.
  International fair and exposition association
    Art gallery, 1204
    Official catalogue of entries and exhibits, 1205
    Premium list, 1206
  International union of steam engineers, see International union of steam engineers
  Its points of inetrest, 1459
  Jefferson Avenue Presbyterian church
    Dedicatory services, 1207
  Joint memorial day committee
    Memorial and decoration day observance, 1208
  Journal
    [Detroit united railway], 1460
    Year book, 1461
  Junior high schools
    Detroit. Board of education: Handbook, 1002
  Juvenile offenders
    Bolt: Juvenile offenders, 395
  Knights of labor, see Knights of labor
  Labor unions, see Detroit. Council of trades and labor unions; Detroit. Federation of labor
  Ladies' industrial school association
    Annual report, 2583
  Ladies' Library association
    Catalogue, 1209
  Ladies' Protestant orphan asylum
    Articles of association, 2585
  Land titles
    O'Flynn: [Abstract of titles], 8506
    U. S. Congress. House. Committee on affairs in the Territory of Mich.: Report, 6658
  Law school, see Detroit college of law
  Laws
    Michigan. Laws, statutes, etc.: Laws affecting Detroit, 3852

DETROIT—Continued
  Learned institutions and societies
    Michigan. Historical society: Historical and scientific sketches of Mich., 3807
  Legends
    Hamlin: Legends of Le Détroit, 2029
  Letter carriers
    Annual holiday greetings, 1210
    National association letter carriers. Detroit branch no. 1: Program, annual entertainment, 5523
  Lewis school for stammerers
    At Lewis school, 2736
    Lewis school, 2734
    Lewis school greetings, 2735
  Light guard
    Clowes: Detroit light guard, 712
    Communication asking bill to amend act for reorganization of military forces, 1211
    Constitution and by-laws, 1212
    Isham: History, 2347
  Lighting, see Detroit. Public lighting commission
  Literary society
    Constitution and by-laws, 1213
  Lodges
    Burton: Mss., 8191
  Mails, see Detroit. Postal service
  Manufacturers, see Detroit. Merchants' and manufacturers' exchange
  Manufacturers' club
    Preamble, constitution and by-laws, 1214
  Manufacturers' mutual fire insurance co.
    Articles of association, 1215
  Maps
    Birds eye view, by Hurd-Martin co., 7682
    Blue print plan of down town district, 7700
    Campbell's park subdivision, 7701
    Carte du Detroit et partie du Lac Erie, 7377
    City of Detroit, 7626
    —— — ———, by H. Hart, 7628
    —— — ———, by J. D. Johnston, 7629
    Commercial pocket map, by W. Sauer, 7696
    Counting house map, by J. Farmer, 7630
    De Lery's plan, 7616
    Detroit and environs, by C. H. Ellis, 7641, 7642
    ——— and its environs, by C. H. Ellis & S. Farmer, 7649
    ——— — — ———, by S. Farmer & co., 7652, 7655
    ——— in 1708, 7615
    ——— — 1763, 7618
    ——— prior to fire of 1805, 7622
    Farmer's ideal map, 7694
    Fort and settlement, 7617
    Fort de Detroit, 7619

DETROIT—Continued
—— in Detroit, 7626
Frisbie's hand book and guide map, 7634
Guide map, 7637
—— ——, by E. Robinson, 7631, 7639
—— ——, by S. Farmer & co., 7643, 7648
—— ——, by Calvert lith. & eng. co., 7662
Handy indexed map, by L. D. Tallman, 7661
Hannan's golf club addition, 7699
Industrial map, 7692
—— ——, by S. Farmer & co., 7678
Map and manual, by S. Farmer & co., 7638
Map, by H. Arthur & co., 7660
——, by Calvert lith. co., 7653, 7654, 7666, 7669, 7670, 7680, 7684
——, by Dept. of public works, 7674, 7677
——, by J. Farmer, 7625
——, by S. Farmer & co., 7651, 7667, 7671
——, by A. E. Hathon, 7627
——, by R. L. Polk & co., 7657, 7659, 7673
——, by E. Robinson, 7636, 7644
——, by W. Sauer, 7668, 7697
——, by W. C. Sauer, 7658
——, by Sauer bros., 7698
——, by Sauer bros. & Frydrych, 7690
—— of central business district, by Convention and tourists' bureau, 7688
—— of principal business portion, by Crowe ptg. & eng. co., 7640
—— of sewers, by R. H. McCormick, 7672
—— showing enlargements by acts of legislature, 7693
—— showing fire limits, paved streets and sewers, from drawings by E. Robinson, 7635
—— showing wonderful development on Woodward Ave., 7703
Mathews-Northrup up-to-date map, 7656
Munro's map, 7633
New map, by S. Farmer & co., 7676, 7685
—— —— and guide, by S. Farmer & co., 7664
—— —— of Detroit and suburbs, by S. Farmer & co., 7681
—— —— of new north Woodward district, by Michelson land and home co., 7695
Norwood estates just off Woodward Ave., 7702
Official map, by S. Farmer & co., 7665, 7675
Plan of Detroit, by A. Hull, 7624
—— of Government ground, 7621

DETROIT—Continued
Plat as laid out by Governor and judges, 7623
Polk & co's. map, 7683
Rascher's maps, 7650
Region tributary to Detroit and Miami town, 7376
Sauer: Detailed atlas of Wayne co., 7597
Suburban pocket map, by Sauer bros., 7691
Wards and election districts, by E. Robinson, 7645
See also Detroit. Atlases; Wayne co. Maps
Mayor
Breitmeyer: Mss., 8168, 8169, 8190
Maybury: Mss., 8189
Message, 1216-1227
——, recorder and aldermen
Petition against division of Wayne co., 1228
Mechanics' society
Annual report, 1229
Articles of agreement, 1230
Charter, 1231, 1232
Library
Catalogue of books, 1233
Ross: [Detroit mechanics society], 6028
Medical and library association
Transactions, 1234
Medical college, see Detroit college of medicine and surgery
Memorial day, see Detroit. Joint memorial day committee
Memorial Presbyterian church
[Cooper: Historical and financial statement], 824
Dedicatory services, 1235
Pastor's New Year's greeting, 1236
Twenty-fifth anniversary, 1237
Mercantile society
[Papers relating to erection of chamber of commerce], 8318
Merchants' and manufacturers' exchange
Annual meeting, 1238
Detroit in history and commerce, 1458
Methodist churches, see Detroit. Cass Ave. M. E. church; Detroit. Central M. E. church; Detroit. Congress St. M. E. church; Detroit. Deaconess home; Detroit. Tabernacle M. E. church
Michigan, 1463
Michigan and Woodward aves.
Michigan. Legislature. House. Select committee: Report of committee to whom was referred petitions in regard to aid in planking portions of Michigan and Woodward avenues, 4306
Michigan bridge and construction co., 5365
Michigan club, see Michigan club

DETROIT—Continued
Michigan conservatory of music, see Michigan conservatory of music
Michigan insurance co., see Michigan insurance co. of Detroit
Michigan state auto school, see Michigan state auto school
Military forces, see Detroit. Brady guards; Detroit. Light guard
Mission
  Union mission Sunday school, 6616
Monthly, 1464
Motor co.
  Breitmeyer: Mss., 8190
Mount Elliott cemetery
  Board of trustees, 1239
  By-laws, 1240
  Farmer: History and rules, 1660
Municipal art, see Detroit. City plan and improvement commission
—— finance, see Detroit. Controller's office
—— league
  Addresses at annual meeting, 1241
  Annual report, 1242
  Brief sketch of activities, 1243
  Civic news, 687
  Financial statement, 1244
—— street railway commission
  Parsons, Barclay and Klapp: Report on Detroit street railway traffic, 5656
Museum of art
  Annual report, 1245
  Antique oriental rugs, 1246
  Bulletin, 1247
  Catalogue of paintings, 1248
  —— of Scripp's collection, 1249
  Handbook of paintings, 1250, 1251
  New site, 1252
Music, see Detroit. Conservatory of music; Detroit. Harmonic society; Detroit. Symphony orchestra
Musical association
  Constitution, 1253
  —— directory, 5510
National bank
  Signature book, 8319
National building plan association
  Artistic homes, 5525, 5526
Negroes
  Colored people of Detroit, 746
  Detroit. Committee in behalf of colored citizens: Memorial for right of suffrage, 1105
  Thrilling narrative from sufferers of late riot, 6533
News
  White plague's deadly work, 1465
News boys
  Detroit evening news: News boys, 1443
[Newsboys' and carrier's addresses], 1466
Newspapers
  Detroit free press: Short story of 82 years, 1450
  See also Periodicals

DETROIT—Continued
News tribune
  Gov. C. S. Osborn's administration, 1467
Ninth ward
  Memorial of freeholders of 9th ward, 2943
  Porter: Letter relative to report on memorial of freeholders, 5809
  Woodbridge: Memorial on subject of limits of Detroit, 7031
  ——: Memorial for relief against taxes and other burthens in 9th ward, 7032
North channel shooting club, see North channel shooting club of Detroit
Nurses, see Detroit. Visiting nurse association
Observatory, see Michigan. University. Detroit observatory
Of today, 1468
Old club
  The old club of Detroit, 5591
Old settlers' mining co., see Old settlers' mining co.
Ordinances, etc.
  Ordinances, 1254-1265
  See also Detroit. Charters
Orphan asylum
  Annual founders' day services, 1266
Parks
  [Map of] parks of Detroit, by Public improvement committee, Board of commerce, 7686
  Olmsted: Conditions in Detroit, 1915, 5602
  ——: Park for Detroit, 5604
  Wilber: Report on Detroit park bill, 6923
—— and boulevards, see Detroit. Dept. of parks and boulevards
Penal institutions
  Michigan. Legislature. Senate. Committee on state affairs: Report of committee to whom was referred so much of governor's message as relates to establishment of work-shop or penitentiary in Detroit, 4665
  See also Detroit house of correction
Peninsular bank
  Charter, 1267
People's state bank
  History, 1268
Pharmacal co.
  Catalogue, 1269
Photographic co.
  Catalogue, 1270, 1271
Play grounds, see Detroit. Recreation
Plumbers' supply co.
  Certificate stub-book, 8320
  Check stub-books, 8321
  Contract book, 8322
  Day books, 8323
  Order book, 8324
  Record book, 8325
  Work book, 8326

DETROIT—Continued

- Police dept.
  - Annual report, 1272
  - Arguments against putting Police dept. under municipal control, 1273
  - Manual, 1274
- ——— government
  - Michigan. Legislature. House. Committee on the judiciary: Report relative to bill to establish police government, 4125
- Political association
  - Constitution, 1275
- Politics and government
  - Government of Detroit, 1834
  - Independent labor party: Circular, 2282
  - McCracken: Laws in force in co. of Wayne, 2807, 2808
  - Maybury: Mss., 8189
  - Michigan. Political science association: City government, 4792
  - Pingree: Facts and opinions, 5744
  - ———: Scrapbooks, 8512
  - Williams: Mss., 8038
  - See also Detroit. German Republican mass meeting; Detroit. History; Detroit. Women's independent voters' association
- Poor commissioners, see Detroit. Board of poor commissioners
- Port of
  - Joy: Mss., 8144
- Postal service
  - U. S. Postoffice dept.: Scheme of city distribution, 6679
- Post and tribune
  - Z. Chandler, 1469
- Post no. 384, see Grand army of the republic
- Postoffice
  - Detroit. Letter carriers: Annual holiday greetings, 1210
  - Michigan. Legislature. Senate. Committee on state affairs: Report relative to office as distributing office, 4666
- Postoffice clerks' association
  - Practical hints, 1276
- Postoffice official guide, 1470, 1471
- Presbyterian alliance, see Presbyterian alliance of Detroit
- Presbyterian churches, see Detroit. First Presbyterian church; Detroit. First United Presbyterian church; Detroit. Fort Street Presbyterian church; Detroit. Jefferson Avenue Presbyterian church; Detroit. Memorial Presbyterian church; Detroit. Westminster Presbyterian church
- Preston national bank, see Preston national bank of Detroit
- Private claims
  - Fletcher: Plat of tract of land, 8397
- Protection co.
  - Constitution, 1277

DETROIT—Continued

- Protective agency for women and children
  - Annual report, 1278
- Protestant orphan asylum, see Protestant orphan asylum
- Protestant Episcopal churches, see name of church
- Public library
  - Americanization, 1279
  - Annual report, 1280
  - Antoine de la Mothe Cadillac, 1281
  - Architecture, selected list of books, 1282
  - Automobiles, selected list of books, 1283, 1284
  - Books for business men, 1285
  - ——— —— foreigners, 1286, 1287
  - Bulletin, 1288
  - Catalogue, 1289-1298
  - Chemistry, selected list of books, 1299
  - Children's books, 1300
  - ———— catalogue, 1301
  - Current periodicals, 1302
  - Detroit. Board of education: Report of committee on library, 1012
  - Detroit public library branches, 1303
  - ——— ——— ——— bulletin, 1304
  - Drama, 1305
  - Finding list of English and French prose fiction, 1306
  - ——— —— English prose fiction, 1307
  - ——— —— — prose fiction, 1308
  - Gardens, selected list, 1309
  - Good books for young people, 1310
  - Industrial arts, selected list, 1311, 1312
  - Katalog der bücher in Deutscher sprache, 1313, 1314
  - Katalog dziel polskich, 1315
  - Manual arts, selected list of books, 1316
  - Monthly bulletin, 1317
  - Municipal affairs, books and articles, 1318
  - ———— charters, selected list, 1319
  - ———— government, modern trend, selected list of books, 1320
  - Netherlands, books and articles, 1321
  - New main library, 1322
  - Preferential voting, selected bibliographies, 1323
  - Program of competition for selection of architecture, 1324
  - Quarterly bulletin, 1325
  - Selected list on memorial day, 1326
  - Shade trees and gardening, selected list of books, 1327
  - Training class, 1328
  - Useful books in evening schools, 1329
  - Welfare work in industry, selected list, 1330
- Public lighting commission
  - Annual report, 1331
- Public school teachers' retirement fund [State law, constitution], 1332

DETROIT—Continued
  Public schools
    Michigan. Laws, statutes, etc.: Bill for government, 3853
    Reed: Speech work in, 5939
    Scenes from Detroit's history, 1333
    See also Detroit. Board of education; Detroit. High schools
  Public works
    Detroit. City plan and improvement commission: Report on center of arts and letters, 1098
    Olmsted: Conditions in Detroit, 5602
    ———: Improvement of Detroit, 5603
    Williams: Mss., 8156
    See also Detroit. Commissioner of public works; Detroit. Dept. of public works
  Quadrangle map, see Quadrangle maps
  Railways
    Complete street railway directory, 760
    Detroit. Citizens: [Report of] meeting to express condemnation of action granting city railway co. extension of time for franchise, 8306
    ——— city and railway guide, 1420
    ———. Mayor: Mayor Pingree's communication relative to leasing and operating street railway tracks, 1220
    ———. Ordinances, etc.: Ordinance to provide for single system of street railways, 1265
    Map, by Calvert lith. & eng. co., 7998
    Miller: Mss., 8116
    Parsons, Barclay & Klapp: Report on Detroit street railway traffic, 5656
    Weston: Address on street railways, 6882
    See also Detroit united railway
  Real estate
    Baist's real estate atlas of surveys of Detroit, 7679
    ——————————, 7687
    Burton's abstracts, reports and statistics, 532
    Duffield: Memoranda note books, 8364
    See also Detroit. Land titles
  Real estate board
    Articles of association, 1334
    Inaugural address by President Bradway, 1335
    Why we grow, 1336
  Recorder's court
    Annual report, 1337
    Petition for separation of grades of Cass, 2nd and 3rd aves., 1338
  Recreation
    Detroit. Board of commerce: Recreation survey, 989
  Roads
    Macauley bros.' road map, 8000
  St. Aloysius church, 1339
  St. Andrew's society, see St. Andrew's society

DETROIT—Continued
  St. Anne's church
    Accounts kept by E. Dubois, 8327
    Barthe: Sales book, 8237
    Campbell: [Mss.], 8281
    Exterior parishes
      Registre, 8330
    Registre, 8328
    Richard: Circular letter soliciting assistance in rebuilding, 8526
    Some substitutes for lost records, 8329
    Trustees
      Livre des assemblées, 8331
  St. John's church
    Faber: Fifty years, 1628
    In memory of H. P. Baldwin, 1340
  St. Luke's hospital and church home, see St. Luke's hospital and church home
  St. Mary's hospital, see St. Mary's hospital
  St. Paul's church
    Annals of St. Paul's church, 95
    [Lightner]: St. Paul's church controversy, 2742
    Manual, 1341
    Michigan. Legislature. House. Select committee: Report in relation to incorporation, 4350
    Records, 8332
    Statement of facts relative to troubles in, 6382
  St. Paul's church guild
    Chester: Martha Washington tea party, 662
  St. Peter and Paul's church
    Golden jubilee, 1342
  Sanitary affairs
    Detroit. Board of commerce: Report of Joint sanitation committee, 990
    See also Detroit. Board of health
  Savings bank
    Bank statements, 8333
    Condition, 1343
    Jubilee [souvenir], 1344
    Savings bank vs. W. Truesdail et al., 8334, 8335
  Savings fund institute
    Condition, 1473
    Report, 1474-1476
  Scholarships, see Detroit. High school scholarship fund association
  School for boys
    Announcement, 1477
  ——— of design
    Catalgoue, 1478
  ——— of fine arts
    Catalog, 1479
    Circular, 1480
  Schools
    Burton: Mss., 8129
    Detroit. Citizens educational committee: [Correspondence and printed material in reference to proposed legislation], 8307
    ———. Cyclorama co.: Prize essays, 1123

DETROIT—Continued
    Early Detroit documents, 8045
    See also Detroit. Board of education; Detroit. High schools; Detroit. Public schools
  Scientific association
    Constitution, 1345
  Scott memorial fountain
    Detroit. City plan and improvement commission: James Scott fountain, 1095
    [illegible]
    ————————: Program of competition, 1097
    [Duquesne]: Preliminary report, 1560
  Scripps school
    Junkin: Roll of teachers and pupils, 2432
  Seminary, 1481
  Sewer commissioners, see Detroit. Board of sewer commissioners
  Siege, 1712
    Dubuisson: Official report of war, 1551
  ——, 1763
    [Ellis]: Pontiac, 1594, 1595
    Gladwin: Mss., 1817
    Heineman: Startling experience of jewish trader during Pontiac's siege, 2100
    Hough: Diary, 2211
    Journal of Pontiac's conspiracy, 2425
    [Macomb]: Pontiac, 2861
    See also Detroit. History; Pontiac's conspiracy
  ——, 1812
    [Kaler]: At siege of Detroit, 2462
  Social life and customs
    Bissell: Diaries, 8243
    Ross: Old-time fun, 8528
  Société de secours mutuels et de bienfaisance La Fayette
    Société de secours mutuels et de bienfaisance La Fayette: Acte d'incorporation, constitution et réglements, 6322
  Society of arts and crafts
    Annual report, 6323
  Society for the prevention of cruelty to children
    Annual report, 1346
  Soldiers' and sailors' union
    Constitution, 1347
  Solway guild
    Year book, 6330
  Songs
    Nimmo: Detroit songs, 5551
  Sophie B. Wright day nursery
    Annual report, 6343
  Street boys' home
    Brinton: Our boys, 441
  Street railway commission
    Report, 1348
  [Street railway ordinance], 1482
  Street railways, see Detroit. Railways

DETROIT—Continued
  Streets
    Burton: List, 530
    Detroit. Recorder's court: Petition for separation of grades, 1338
  Surrender to British
    Campbell: Revolutionary services and civil life of Gen. W. Hull, 572
    Canada. Archives: Documents, 575
    Clarke: W. Hull, 705
    Dearborn: Defence of Gen. Dearborn, 939
    Hull: Defence, 2263
    ——: Report of trial of Gen. Hull, 2265
    ——: Trial, 2266
    Lossing: Hull's surrender of Detroit, 2771
    Lucas: Journal, 2776, 2777
    Walker: Two letters to Gen. W. Hull on conduct in surrender without resistance, 6793
  Symphony orchestra
    Program, 1483
  Tabernacle Methodist Episcopal church
    Nash: History, 5521
    Tabernacle M. E. church, 1349
  Taxation
    Backus: Petition for changes in tax laws, 168
    Detroit. Common council: Report, 1112
  Teachers' mutual aid association
    Constitution, 1350
  Teachers' retirement fund, see Detroit. Public school teachers' retirement fund
  Telephone exchange
    List of subscribers, 1484
  Telephone key, 1485
  Telephones
    Burch: Telephone rates, 494
  Temperance, see Detroit. Young men's temperance society
  Tennis club
    Bank books, 8336
  Tenth ward
    Michigan. Legislature. Senate. Committee on incorporations: Minority report in relation to changing boundaries of 10th ward, 4516
  Theatres
    Reaume: Detroit theatrical and city guide, 5933
  Thompson home for old ladies
    Articles of association and by-laws, 6527, 6528
  Today
    Cadillac bi-centenary ed., 1486
  Trade and commerce, see Detroit. Board of trade; Detroit. Commerce
  Trades unions, see Detroit. Council of trades and labor unions
  Training school alumni
    Lest we forget, 1487

DETROIT—Continued

- Treasurer's office
  - Annual report, 1351
- Tribune
  - Increase of state taxes, 1488
  - [New Year's greetings], 1489
  - Review of commerce of Detroit, 1490
  - [Scrap-book], 1491
  - Veteran soldiers' and sailors' handbook, 1492
- Trust co.
  - Descent and distribution of property, 1352, 1353
  - Fifteen years of service, 1354
  - How it serves public, 1355
  - Workmen's compensation law, 1356
- Trustees, see Detroit. Board of trustees
- Twentieth century club, see Twentieth century club of Detroit
- U. S. Lake survey office
  - Patrick: Work, 5659
- Union trust co., see Union trust co.
- Unitarian society, see Detroit. First Congregational Unitarian society
- United Brethren in Christ
  - Some information about church nearest you, 1088
- United Presbyterian church, see Detroit First United Presbyterian church
- United railway
  - Annual report, 1493
  - Barcroft: Report and appraisal of Detroit united railway, 224
  - Breitmeyer: Mss., 8190
  - Detroit. Committee of fifty on street railway question: Reports, 1108
  - ———. Free press: [Detroit united railway], 1449
  - ———. Journal: [Detroit united railway], 1460
  - ——— united weekly, 1494
  - [Rifenberick]: Statement of "facts" concerning "Barcroft appraisal", 5981
  - Statement of F. T. Barcroft in answer to request to appear before board of arbitration, 1496
  - Street car map, by J. W. Brenkert & co., 7999
  - See also Detroit. Railways
- Unity club
  - Constitution and by-laws, 1357
  - Subjects for papers, 1358
- University, see University of Detroit
- University of Michigan club, see University of Michigan club of Detroit
- Van Leuven Browne hospital
  - Browne: Easter in children's ward, 475
  - ———: Story of children's ward, 476
- Veterinary dental college
  - Illustrated lectures, 1497
- Visiting nurse association
  - Annual report, 1359
- Water commissioners, see Detroit. Board of water commissioners

DETROIT—Continued

- Water works
  - Henry: Mss., 8160, 8193
- Westminster Presbyterian church
  - Programme for amateur concert, 1360
  - Services at celebration of twenty-fifth anniversary, 1361
- Woman's bi-centenary committee
  - Historical art souvenir, 1362
  - Souvenir of unveiling tablet in memory of Madame Cadillac, 1363
- Woman's Christian temperance union
  - Report, 1364
- Women, see Detroit. Protective agency for women and children; Detroit. Working women's home association; Detroit. Young women's Christian association
- Women's clubs, see Detroit club woman
- Women's exchange and decorative art society
  - Annual report, 1365
- Women's independent voters' association
  - Constitution, 1366
- Woodbridge fire co.
  - Constitution, 1367
- Woodmere cemetery
  - Farmer: History and rules, 1661
  - Jewish section
    - Record, 8337
  - Thomas: Woodmere cemetery, 6524
- ——— ——— association
  - History, 1368
  - Rules, 1369
- Woodward Avenue Congregational church
  - Manual, 1371
  - Our church, 1370
- Working women's home association
  - Annual report, 1372
- Yondotega club
  - Book, 1373
- Young men's benevolent society
  - Annual statement, 1374
- Young men's Christian association
  - Annual announcement, 1375
  - Annual report, 1376
  - Elevation and plans of new building, 1377
  - Monthly bulletin, 1378
  - Royal railroad, 1379
  - Short history, 1380
  - Weekly bulletin, 1381
- Young men's society
  - Act of incorporation, by-laws, and rules, 1382-1384
  - Cataloge of books in library, 1385-1387
  - Collection of reports and transactions, 1388
  - Woodbridge: Address before, 7029
- Young men's temperance society
  - Constitution, 1389
- Young women's Christian association
  - Annual report, 1390
  - Educational dept.
    - Catalogue, 1392
  - New building, 1391

DETROIT—Continued
Zoological society
Detroit zoological society, 1393
——— **River**
Chart, by U. S. War dept., 7964, 7965, 7968
Disturnell: Great Lakes, 1523
International joint commission: Pollution of boundary waters, 2326
[Joy]: To engineers to investigate bridging, 2429
Lime kiln crossing, by U. S. War dept., 7966
Lower Detroit River, by U. S. War dept., 7967
Map, by British engineer, 7961
A survey, by W. F. W. Owen & assistants, 7962
[Thompson]: Remarks on maps from St. Regis to Sault Ste. Marie, 6525
U. S. Lake survey: Lake Huron, St. Clair River, Lake St. Clair and Detroit River, 6675
White star line: Daylight trips, 6905
West end of Lake Erie and Detroit River, by U. S. War dept., 7878
——— ——— **navy**
Constitution, 1498
——— ——— **tunnel**
Chesbrough: Sketch of plans and progress, 661
Detroit River tunnel co.: Detroit River tunnel, 1499
Godfrey: Detroit River tunnel, 1820
Wilgus: Detroit River tunnel, 6928
——— ——— ——— **co.**
Detroit River tunnel, 1499
———. **Straits of**
Map of straits of Detroit, by U. S. Corps of top'l eng'rs., 7963
Deutsch-Amerikanische seminarverein, 1500
Devlin, see Camp Devlin
DeVries, T.
Grand Rapids. Public library: Catalogue of collection of paintings, [etc.], 1919
Dewey, F. S.
Alpena county, 1502
Saint Michael's and All Angels' church, 1501
———**, J. S.**
Michigan. Laws, statutes, etc.: Compiled laws, 3840
DeWindt, E. A.
Patten: Commercial feeding stuffs, 5662
Dexter
Pray: Washtenaw co. directory, 5866
Wendell directory co.: Washtenaw co. directory, 6861
See also Quadrangle maps
Diabetes
Kellogg: New method in diabetes, 2495
Diaries, see Manuscripts
DIBBLE, L. D.
Prospectus of incorporation, condition and connections of [certain] railroad cos., 1503
Dickenson institute
Addresses at opening, with catalogue, 1504
Dickinson, D. M.
Detroit. House of correction: Law, together with rules, regulations and ordinances, 1201
Railroad property exempt from local taxation, 1506
——— **brothers**
Grand Rapids, 1505
Dickinson county
Map, by H. E. McClintock, 7449
Van Hise: Menominee special folio, 6746
Dickson, M. M., & co.
Township and sectional pocket map of Washtenaw co., 1507
Diepenbeck, R.
Der staat Michigan, 1508
Dietaries
Michigan. State board of health: Model diet tables, 4901
Diet in disease
Kellogg: Battle Creek sanitarium diet list, 2493
———: New method in diabetes, 2495
Marshall: Guide to special and test diets in university hospital, 2904
Dietsche sight seeing autos, 1509
Digest of cooperative work for playgrounds in Grand Rapids, 1510
Dilla, H. M.
Politics of Mich., 1511
Dillenback, J. D.
Centennial anniversary of American independence at Grand Rapids, 1512
Directory of Grand Rapids for 1870-71, 1521
Grand Rapids annual for 1875-6, 1514
——— ——— in 1874, 1513
History and directory of Ionia co., 1515
Loomis: Centennial anniversary of American independence, 2767
——— **and Leavitt**
History and directory of Kent co., 2142
Dillon, J. B.
History of Indiana, 1516
Dinner to G. P. Goodale, 1517
Dionne, N. E.
G. Richard, 1518, 1519
Diphtheria
Delamarter: Distribution of deaths, 941
Goldberger: Report of investigation of diphtheria carriers, 1822
Isolation and disinfection; restricted scarlet fever and diphtheria in Mich., 8036
Kellogg: Report, 2492
Michigan. State board of health: Contributions to study of spread, 4889
———. ——— ——— — ———: Restriction and prevention, 4924-4927

DIPHTHERIA—Continued
——. —— —— — ——: Special reports relative to communicable and preventable diseases, 4930
——. —— —— — ——: Special reports of 3 outbreaks, 4931
Worcester: Diphtheria in Mich. asylum for insane at Kalamazoo, 7039
Directories, see name of city and county; Michigan. Directories
Directory of Grand Rapids, 1520, 1521
Diseases
Michigan. Dept. of public instruction: Contagious diseases, 3371
——. ——. — —— ——: Temperance and restriction of diseases, 3455
Parker: Verification by health officer of diagnosis of diseases dangerous to public health, 5647
See also Michigan. State board of health; names of diseases
District nursing association of Grand Rapids
Annual report, 1522
District of Columbia
Michigan. Legislature. Senate. Committee on state affairs: Report on resolution relative to slavery in, 4667
District school libraries
Michigan. State board of education: Memorial, 4876
Disturnell, J.
Great Lakes, 1523
Island of Mackinac, 1524
Lake Superior guide, 1525
Map of island of Mackinac, 7877
Sectional map of copper, iron and silver region of Lake Superior, 7843
Township map of Lake Superior region, 7401
Trip through lakes, 1526
Tourist's guide to upper Mississippi River, 1527
Divorce, see Marriage and divorce
Dix, D. O.
Petitions for general banking law, 1528
Dixie highway
Map, by National highways association and Mich. state good roads association, 8004
West Mich. pike association: Maps, routes and tourist's directory of West Mich. pike, 6867
Dixon, H. M.
Study of farm management problems in Lenawee co., 1529
Dock, G.
Medical library of U. of M., 1530
Doctors of medicine, see Physicians
Documents in relation to bill admitting Mich., 1531
Dodge, J.
Narrative during captivity, 1532
——, R. E.
Jefferson: Dodge's geography of Mich., 2384
DODGE, W. S.
R. H. Hendershot, 1533
Doggett, J.
Railroads in Mich., 8013
Dogs
Straker: Legal treatise on larceny of dogs, 6424
Dolsen, L. E.
Michigan. Legislature. House. Committee on elections: Report in relation to qualifications to seat, 4040
Domestic relations
[Lacy]: Observations on court of domestic relations, Wayne co., 2581
Donaldson, J. N.
Michigan. Legislature. House. Committee on elections: Report in relation to petition of H. Miller claiming seat, 4052, 4053
Donan, P.
Mackinac Island, 1534
Donnan, D. D.
Marquette in 1900, 1535
Donovan, J. W.
Mich. justice's guide, 1536
D'Ooge, M. L.
Michigan. University: Memorial discourses on C. L. Ford, 5195
——. ——. Gallery of art and archaeology: Catalogue, 5283, 5284
President Angell's quarter-centennial, 1537
Doran, W. T.
Brief sketch of University of Detroit, 8346
Doty, E.
Memorandum book, 8347
——, H.
Ashman: In memoriam of H. Doty, 159
——, S.
Michigan. Legislature. House. Select committee: Report of committee to whom was referred petition for extension of time in collecting school tax, 4355
Doughty, W. E.
Map of Lapeer co., 7505
Douglas, A. M.
Little girl in old Detroit, 1538
Douglas
MacDonald: Message from the hills, 2855
Douglas Lake
Reighard: Ecological reconnoissance of fishes, 5945
—— —— **region**
Ruthven: Miscellaneous papers on zoology, 6057
Douglass, E.
Burton: E. Douglass, 522
[Severance]: Peace mission to Niagara, 6202

DOUGLASS, S. H.
Michigan. University. Medical school: Memorial on female medical education, 5303
———, S. T.
Detroit and Milwaukee railroad co.: Mortgage, 1412
Reports of cases in Supreme court, 1539
See also Bates, Walker and Douglass
——— and Walker
Mss., 8108, 8109
See also Bates, Walker and Douglass
Dow, H. S.
History, commercial advantages and prospects of Bay City, 2144
Lumberman's gazette, 1540
Dowagiac
Freemasons, see Freemasons. Dowagiac
Ladies' library association
Catalogue of books, 1541
School board
Catalogue of graded schools, 1542
Draft act
Michigan. Governor: Gov. Sleeper calling attention to registration regulations, 3788
Dragonflies
Ruthven: Miscellaneous papers on zoology, 6057
Drainage
Bartholomew: Drainage and sewerage, 236
Harris: Sanitary drainage, 2055
Horton: Deforestation, 2208
See also House-drainage
Drains
Map showing location of drains built by state, by State land office, 8017
Michigan. Laws, statutes, etc.: Laws relating to, 3856
————. ———, ————, ——.: Laws relating to highways, bridges and drainage, 3875
————. ———, ————, ——.: Laws relating to State land office, 3898
Winter: Durability of concrete drain tile, 6996
Drake, E. H.
Mercer: In memoriam, 2952
——, I. S.
Map of Mo., Ill., Iowa, and Wis., Territory of Minn., and mineral lands of Lake Superior, 7868
——, J. A.
Dixon: Study of farm management problems in Lenawee co., 1529
Management of sandy-land farms in northern Indiana and southern Mich., 1543
——, M. L.
Lake Superior railroad, 1544
Memorial asking assent by Mich. to act of incorporation by Wisconsin as necessary to authorize Lake Superior railroad co. to construct roads and branches in Mich., 1545, 1546
DRAKE, S. A.
Making of Ohio valley states, 1547
Mss., 8129
Drake's Mich. digest, 1548
Drama
Detroit. Public library: Drama, 1305
Draper, A. S.
Recovery of law, 1549
Draper mss., 8348
Drawing
Battle Creek school of applied art: Commercial line drawing, 262
Michigan. Dept. of public instruction: Drawing in rural schools, 3382
Drew, J.
Michigan. Legislature. Senate. Select committee: Report of committee to whom was referred petition relative to school under care of pastor of trinity church, 4715
Drown[e], S.
Oration at Marietta, 1550
Drowned lands
Lyster: Reclaiming, 2784
Drug business
Haigh, Ledger, 8408
Druggists
Physicians', dentists' and druggists' directory of Mich., 5733
Drugs, see Detroit. Pharmacal co.
Drummond Island
Cook: Drummond Island, 804
Detroit. Ste. Anne's church. Exterior parishes: Registre, 8330
Map of south west end, in Cook: Drummond Island, 7872
Drunkenness
Parker: Public-health subjects before American social science association, 5646
Dry goods business
Ludden: Journal, 8450
Dublin
[Krause]: Dublin, Manistee co., 2579
Dubois, E.
Detroit. Ste. Anne's church: Accounts, 8327
Dubuisson, [C. R.]
Official report of war at Detroit in 1712, 1551
————, H. W.
Autobiography, 1552
————, T. P.
Battle and massacre at Frenchtown, 1553
Dudley and Goldsmith
Directory of Grand Rapids, 1520
Duffield, A. W.
In memoriam, 2302
————, B.
Check stub-books, 8349-8351
Diaries, 8352
Letter book, 8353

DUFFIELD, D. B.
Bank books, 8354
Claim book, 8355
Daily journals, 8356
Day books, 8357
Diaries, 8358
Journals, 8359
Ledger, 8360
Letter books, 8361
Letters to, 8362, 8363
Memoranda note books, 8364
Michigan. State agricultural society: Three lectures, 4849
———. State teachers' association: Memorial, 5110
Notes of testimony in court cases, 8365
———, D. B. and H. M.
Claim books, 8366
Journals, 8367
Ledgers, 8368
Letter books, 8369
———, G.
Angelique, 1554, 1555
Bank book, 8370, 8371
McCorkle: In memoriam; discourse on life and character, 2802
Veteran hero, 1556
———, G.
Biographical sketch, 371
Michigan. University: Defalcation in chemical laboratory, 5227
New capitol, 1557
Our soldier-dead, 1558
———, Col. H. M.
Centennial celebration of evacuation of Detroit; address of, 625
———, Mrs. I. G.
Funeral address and memorial notices, 1777
———, S. P.
St. Louis magnetic spring, 6118
——— and Duffield
Check stub-books, 8372
Journal, 8373
Letter books, 8374
——— mss.
Address book, 8375
Catalgoue of law books, 8376
Ledger, 8377, 8378

Dufur, H. M.
Biographical sketch, 372

Duluth, South shore and Atlantic railway
Along south shore of Lake Superior, 1559

Dumas, C. G. F.
[Smith]: Relation historique de l'expédition contre les Indiens de l'Ohio en 1764, 6315

Dumont, Brig.-Gen. E.
Official report of Battle of Lebanon, Tenn., 8379

Dunbar, C. S.
Michigan. Legislature. House. Committee on state affairs: Report [relative to demand for constitutional amendment], 4227

DUNCAN LANDS
Map showing lands on Mackinac Straits and Cheboygan River, by P. L. Fox, 7848
Dunham, L.
Superior court of Grand Rapids, 8380
Dunster, E. S.
Peterson: Edward Swift Dunster, 5715
[Duquesne, E.]
Preliminary report on program for Scott fountain, 1560
Durant, S. W.
History of Ingham and Eaton cos., 1561
——— — Kalamazoo co., 1562
——— — Oakland co., 1563
———, W .C.
Miller: W. C. Durant; character sketch, 5449
Dutch in Michigan
Brummelkamp: Holland in Amerika, 477
Historical souvenir of celebration of 60th anniversary of colonization, 2139
Huizinga: What Dutch have done in west of U. S., 2258
Smit: Naar Amerika, 6264
Van Raalte: De toestand der Hollandsche kolonisatie in Mich., 6748
Van Schelven: "Centennial"; historical sketch of Holland city and colony, 6749
Versteeg: De Pelgrim-vaders van het westen, 6757
Wegwijzer en raadgever voor landverhuizers, 6849
DuVal, P.
Le Canada, 7076
Dwellings
Michigan. Laws, statutes, etc.: Housing code, 3876
Dwight, A. A.
Township plats in Huron, Sanilac, Lapeer and St. Clair cos., 8381
Dyer-Jenison-Barry co.
Map of Lansing, 7740

Eagle Harbor
Preliminary chart, by U. S. War dept., 7938

Eagle River district
Map to accompany cross sections, by Mich. geological survey, 7771
Cross sections, by Mich. geological survey, 7772, 7773

Earle, H. L.
Michigan. State Library: Biographical sketches of American artists, 5009-5012

Earthquakes
Hobbs: Late glacial and post glacial uplift, 2177

Earthworks
Leach: Ancient forts in Ogemaw co., 2698

Eastern Michigan asylum, see Michigan. Pontiac state hospital

EAST SAGINAW
- Board of education
  - Public schools, 1564
- Charters, 1565, 1566
- Directories
  - Brown, Smyth and Nichols: Directory, 473
  - Polk & co.: Directory, 5766
- First Congregational church and society
  - Manual, 1567
- History
  - Indian and pioneer history of Saginaw valley, 2291
- Map, by C. Holmes & H. Cary, 7748
- Ordinances, etc.
  - Revised ordinances, 1568
- Public library
  - Catalogue, 1569
- Water supply
  - Saginaw. Board of water commissioners: Report on, 6076
- See also Saginaw

Eaton, J. D.
- Saginaw. High school. Class of 1862: Sketch of life of, 6089

Eaton county
- Agricultural society: 61st annual Eaton county fair, 1570
- Durant: History, 1561
- Farm journal directory, 1640
- [Map], by U. S. Postoffice dept., 7451
- Map of cos. of Eaton and Barry, by Geil & Jones, 7450
- —— — Lansing and adjoining towns, embracing portions of Eaton co., by Macy & Driggs, 7736
- Mudge: Directory, 5498
- Portrait and biographical album, 5825

Eaton Rapids
- History and location, 2143
- Public library
  - Catalogue, 1571

Eberts, R. M.
- Mss., 8055

Eby, J. F. & co.
- Annual, 1572

Eclectic medical and surgical society, see Michigan. State eclectic medical and surgical society

Ecology
- Adams: Ecological survey in northern Mich., 6
- ———: Ecological survey of Isle Royale, 7

Economic conditions, see Michigan. Economic conditions; Michigan. History

Economic study for Detroit business men, 1573

Ecorse
- Polk & co.: Directory, 5787

Edgerton
- Polk & co.: Directory, 5763

Edison illuminating co.
- Annual report, 1574

EDMONDS, C. A.
- Journal of senate as court of impeachment, 1575
- Michigan. Legislature. Senate: Act regulating impeachment, 4419

————, J. W.
- Report upon disturbance at Potawatamie payment, 1576

Education
- American schoolmaster, 83
- Baker: Lecture, 202
- Davis: Public secondary education, 926
- Educators of Mich., 1577, 1578
- Hinsdale: General introduction to courses in science and art of teaching, 2127
- ————: Theoretical and critical and practical courses in teaching in U. of M., 2133
- Johnson: Industrial education in Northwest, 2404
- Johnstone: Agricultural education, 2420
- Knight: History and management of land grants for, 2558
- McLaughlin: History of higher education, 2845
- Mayhew: Popular education, 2932
- Michigan. Dept. of public instruction: Historical sketches, 3391
- ————. Historical commission: Prize essays, 3804
- ————. Legislature. Senate. Committee on public instruction: Report relative to report of superintendent of public instruction and so much of governor's message as relates to education, 4640
- ———— journal of education, 5405
- ———— teacher, 5425
- Payne: Contribution to science of education values, 5680
- ———: Contributions to science of education, 5681, 5682
- Putnam: Development of primary and secondary education, 5898
- Report of subscriptions for education of seminarians of Diocese of Grand Rapids, 5948
- Salmon: Education in Mich. during territorial period, 6134
- Schoolmaster, 6186
- Tappan: School law and history and description of educational system, 6498
- ————: Public education, 6500
- Upper peninsula educational association: Bureau of research: Report, 6729
- ———— ————.
- Library section: Program, 6730
- Western journal of education, 6870
- Whitney: Status of superintendents, principals and teachers of high schools, 6911
- Williams: Duty of state to meet every educational want, 6958
- Woman's progress co.: Woman's progress among schools and colleges, 7010

EDUCATION—Continued
See also Agricultural education; Commercial education; Evening and continuation schools; Higher education; Industrial education; Manual training; Medical education; Michigan. Dept. of public instruction; Michigan. Legislature. House. Committee on education; Michigan. Legislature. Senate. Committee on education; Michigan. State board of education; Military education; Physical education; Schools; Secondary education; Teachers and teaching; Technical education; Women. Education
Educational institutions
Michigan. Dept. of public instruction: Educational institutions, 3383
See also name of institution
Educational law and legislation
Hammond: School law, 2032, 2033
Michigan. Dept. of public instruction: Digest of school laws, 3380
———. ———. ——— ——— ———: School funds and laws, 3427
———. ———. ——— ——— ———: Summary of school legislation, 3447
———. ———. ——— ——— ———: System of public instruction, 3451
Tappan: School law and history and description of educational system, 6498
See also School law
Educators of Mich., 1577, 1578
Edwards, A.
Woodbridge: Letter to, 7030
———, R.
Historical, statistical and commercial review of Mich., 1579
Industries of Mich., 1580
——— mine
Map, by Mich. geological survey, 7844
Edwin Denby club
For Congress E. Denby, 1581
Eggleston, E. S.
Michigan. Legislature. House. Select committee: Are railroad lands taxable, 4291
Eggs
Bissell and co.: Mss., 8100
Eighteenth St. Baptist mission, Detroit, 1582
Eldred, F. E.
Woodbridge: Memorial for relief against taxes and other burthens in 9th ward, Detroit, 7032
Eldredge, R. F.
Past and present of Macomb co., 1583
Eldridge, A.
Address before New England society, 1584
Election and registration booths, Detroit, 1585
——— districts
Election districts, Detroit, 1586
[Map of] wards and election districts, Detroit, by E. Robinson, 7645
Map of Detroit, by Calvert lith. & eng. co., 7669

ELECTION DISTRICTS—Continued
[Maps of Mich.], 7309
Michigan. Attorney general's office: Communication [on constitutional obstacles to division of counties into single representative districts], 3045
——— laws
McCracken: City of Detroit, 2806
———: Working digest of registration and election laws, 2819, 2820
———: Working edition of Mich. election law, 2821-2825
Michigan. Dept. of state: Act authorizing Mich. soldiers to vote, 3466
———. Laws, statutes, etc.: Laws relating to elections, 3857
[——— tickets], 1587
Elections
Campbell: [Mss.], 8281
Detroit. Public library: Preferential voting, 1323
——— street railway ordinance, 1482
Johnson: Mss., 8115
McCracken: Mich. political hand book, 2812
———: Mich. political manual, 2813
[———]: Mich. voter's guide, 2814
———: Working digest of registration and election laws, 2819, 2820
Michigan. Attorney general's office: Communication on bill to enable electors in military service to vote, 3047
———. ——— ——— ———: Communication [relative to definition of "general election"], 3049
———. Dept. of state: Returns of election for governor and lieutenant governor, 3524
———. Governor: Special message [relative to proposed amendment confining electors in voting to township or ward in which they reside], 3612
———. Legislature. Senate. Committee on the judiciary: Report relative to election of senators, 4570
———. ———. ———. Committee on expiring laws: Report of committee to whom was referred bill to repeal section relating to qualified voters at school meetings, 4594
——— (Ter.) Laws, statutes, etc.: Actes relatifs aux, 5339
Pangborn: B. & O. red book for Mich., 5636
Willard: Counting electoral votes, 6932
Williams: Mss., 8038
Woodbridge: Mss., 8051
See also Contested elections; Detroit. Elections; Michigan. Legislature. House. Committee on elections; Michigan. Legislature. Senate. Committee on privileges and elections; Michigan. Politics and government; Primaries; Suffrage

ELECTIVE FRANCHISE, see Suffrage; Women. Suffrage
Elevated Pacific railroad
Smith: Petition for appropriation to aid in developing plan, 6302
Elks, see Benevolent and protective order of Elks
Ella
Wright: Ella, 7046
Ellet, Mrs. E. F.
Pioneer women of West, 1588
Summer rambles, 1589
Elliot, J. W.
Jackson. Citizens: Petition for relief, 2360
Elliott, R. R.
Comments on memoir of Cadillac, 8382
Immigration register, 8383, 8384
Journal, 8385
Last of Barons, 1590
Letter books, 8386
Michigan Catholic bicentenary supplement, 5366
Oldest Catholic city in West, 1591
Potier: Jesuit ms., 5854
Sketch of life and times of G. Richard, 1592
Ellis, C. H.
Detroit and environs, 7641, 7642, 7649
——, E. D.
Michigan. Legislature. House. Committee on ways and means: Report relative to petition of, 4258
——, Edward S.
Forest messengers, 1593
Pontiac, 1594, 1595
——, Erastus R.
Memorial in favor of homeopathic treatment in Mich. asylums, 1596
——, F.
History of Berrien and Van Buren cos., 2150
——— — Genesee co., 1597
——— — Shiawassee and Clinton cos., 2171
——, G. E.
Good government league: "Bucket shop dept. store", 1823
—— ———— ————: Ellis as a juggler, 1824
—— ———— ————: Record, 1825
—— ———— ————: Repudiated by Republicans, 1826
Ellsworth, E. K.
U. S. Bureau of the census: Special census of population of Highland Park, 6628
—. —. ———— ——— ———: ————————
—. —. ——— — —— St. Clair Heights, 6629
Elmira
Polk & co.: Directory, 5763
Eloise
Keenan: History, 2488
Elsworth, R. H.
Manuscript notes, newspaper files and clippings, 8387
Wayside notes, Mason co., 8388

ELY, A. L.
Schedule of lots in Allegan for sale by M. A. Hubbard, 6154
——, E.
Michigan. Legislature. House. Committee on elections: Reports on claims to seat, 4041
——, G. H.
Remarks in opposition to bridge at Detroit, 1598
Shall water-way of Great Lakes be obstructed by bridge at Detroit?, 1599
——, S. P.
Memorial relative to railroad interests of Upper Peninsula, 1600
Emerson, C.
Petition that colored people be admitted to all privileges of whites, 1601
————, L. G.
Pumpelly: Copper district of Upper Peninsula, 5894
Emery, A. M.
Map of Lansing, 7738
Emigrant's directory
Blowe: Geographical, commercial and agricultural view of U. S., 393
Emigration
Michigan. Legislature. House. Committee on state affairs: Report of committee to whom was referred resolution to encourage, 4228
———— agent
[Michigan. Governor: Communication in compliance with resolution requesting information relative to employment of], 3645
————. Legislature. Senate. Committee on state affairs: Report relative to establishment of agency, 4668
See also Immigration
Emmet county
Polk & co.: Directory, 5782
Traverse region, 6580
Wright: Ella, 7046
———: Stories of crooked tree, 7051, 7052
Emmett
Wolverine directory co.: St. Clair co. directory, 7008
Emmons, A. & H. H.
Letter books, 8389
Mss., 8054, 8068, 8073, 8078, 8080
————, H. H.
Journal, 8390
Letter books, 8391
Mss., 8041, 8043, 8052, 8054, 8057, 8059, 8064, 8068, 8073, 8075, 8076, 8078, 8080, 8082, 8084, 8086, 8088, 8090, 8092, 8094, 8096, 8099, 8102, 8105
See also Van dyke and Emmons
————, J. P. C.
Mss., 8041, 8043, 8064, 8068, 8073, 8075, 8076, 8078, 8080, 8082, 8084, 8094, 8096
See also Emmons and Jones

EMMONS AND JONES
  Daily journal, 8392
  Mss., 8041, 8073
Employers' liability
  Michigan. Employers' liability and workmen's compensation commission: Report, 3529
  ————. Industrial accident board: Workmen's compensation cases, 3814
  ————. Laws, statutes, etc.: Mich. employers' liability, 3858
  ————. State library. Legislative reference dept.: Legislative reference list, 5063
  Taylor: Administration of workmen's compensation benefits, 6507
  Workmen's compensation law, 7040
Employment institution for the blind, see Michigan. Employment institution for the blind
Engineering
  Michigan engineer, 5396
  ———— technic, 5427
  The technic, 6510
  See also Mich. engineering society; Michigan. University. Engineering society
Engineers, see International union of steam engineers
English, W. H.
  Conquest of Northwest, 1602
English language
  Michigan. Dept. of public instruction: Language outline, 3395
  ————. ——. — ——— ————————: Language teaching, 3396
  [Reed]: Announcement of special interest to foreigners desiring to speak English correctly, 5939
Ensign, D. W. & co.
  Durant: History of Ingham and Eaton cos., 1561
  History of Allegan and Barry cos., 2146
  ——— — — Berrien and Van Buren cos., 2150
  ——— — Shiawassee and Clinton cos., 2171
  Shenck: History of Ionia and Montcalm cos., 6155
——, **T.**
  Traveller's map of Mich., Ill., Ind., and Ohio, 7192, 7194
———, **Bridgman and Fanning**
  Lake and river guide, 1603
  Township map of Mich., 7229
——— **and Thayer's** travellers' guide, 1604
Ensilage
  Kedzie: Chemical composition, 2469
Entomostraca
  Marsh: On cyclopidae and calanidae, 2896
Epileptic, see Defective and delinquent classes; Michigan. Farm colony for epileptics; Michigan. Home and training school
EPISCOPAL CHURCH, see Protestant Episcopal church
Equal suffrage, see Michigan. Equal suffrage association
——— **taxation**
  Michigan. Governor: Messages of Gov. Pingree, 3755-3758
Equity pleading and procedure
  Puterbaugh: Chancery pleading and practice, 5895-5897
  Whitehouse: Mich. judicature act of 1915, 6900
Erie and Kalamazoo railroad co.
  Acts of incorporation, 1605, 1606
  Communication from president; statement of receipts and expenses, 1607
  Emmons: Mss., 8041, 8052
  Memorial of committee of directors, 1608
  Michigan. Legislature. House. Committee on banks and incorporations: Minority report, 3990
  ————. —————. ————. ————— — —— —— ————————: Report, 3997
  Report, 1609
—— — **Michigan telegraph co.**
  Articles of agreement and association, 1610
—— **canal**
  Mathews: Erie canal and settlement of West, 2920
—— **war,** see Michigan. Boundaries
Erin and Mount Clemens plank road co.
  Detroit and Erin plank road co.: Journals, 8338
  ——— —— Howell plank road co.: Toll book, 8340
Ernst, O. H.
  International waterways commission: Report, 2330
Erosion
  Gordon: Wave cutting on west shore of Lake Huron, 1830
Erysipelas
  Michigan. State board of health: Relative to, 4919
  ————. —— ——— — ————: Special reports relative to communicable and preventable diseases, 4930
Escanaba
  Carnegie public library
    Annual report, 1611
  Directory
    Polk & co.: Directory, 5767
  Nursey: City of, 5575
  Ordinances, 1612
  Pageant of Escanaba, 5625
Essex county, Mass.
  Part taken in organization and settlement of Northwest Territory, 5657
—— ———, **Ontario**
  St. Pierre: Histoire des Canadiens-Français du Mich. et du comté d'Essex, 6131, 6132

ESSEXVILLE
Polk & co.: Directory, 5761
Weeks & Polk: Bay City directory to which is appended directory of, 6848
Estabrook, J.
Geography of Mich., 7299
Prof. J. Estabrook; memorial services, 5878
Estes, L.
Latitude of Detroit observatory, 1613
Etiquette
St. Mary's college: Good form, 6123
[Etzenhouser, R.]
Engravings of prehistoric specimens, 1614
Eugenics
McKinnie: Preliminary report of eugenic survey, 2837
European foul brood, see Foul brood
Eustace, H. J.
Cover crops for orchards, 1615
Potato culture, 1616
Spray and practice outline, 1617
Thinning apples, 1618
Winter vetch, 1619
Evangelical observer
Ledger, 8393
Evans, A. T.
Collection of amphibians and reptiles from Gogebic co., 1620
Ruthven: Miscellaneous papers on zoology, 6057
———, D. H.
In memoriam. Rev. W. M. Ferry, 2306
———, E.
Pedestrious tour, 1621
Evening and continuation schools
National Americanization committee: Americanizing a city, 5522
Warriner: All-day trades school, 6805
Evening news association
Detroit, Mich., 1463
Men of progress, 1622
Quarterly register of current history, 1623
Everett, E.
Walker: Remarks on announcement of death, 6791
———, F.
French: Grand Rapids city directory, [containing scraps of history by], 1766
Memorials of Grand River valley, 1624
Scraps from history of Grand Rapids, 1625
Everts, L. H., & co.
[Durant]: History of Oakland co., 1563
History of Calhoun co., 2151
——— — Oakland co., 2163
——— — St. Joseph co., 2170
——— and Abbott
[Durant]: History of Kalamazoo co., 1562
[Ellis]: History of Genesee co., 1597
History of Genesee co., 2153
——— — Hillsdale co., 2154
——— — Livingston co., 2159
EVERTS AND STEWART
Combination atlas map of Jackson co., 7481
——— ——— ——— — Lenawee co., 7511
——— ——— ——— — St. Clair co., 7556
——— ——— ——— — Washtenaw co., 7579
Evidence
Michigan. Attorney general's office: Communication relative to evidence, 3053
Trask: Notes on laws of, 6567
See also Trials; Witnesses
Ewing, T.
Address at centennial celebration at Marietta, 1626
Excelsior boat club, Detroit
Articles of incorporation, 1627
Exchanges, literary and scientific
Michigan. Legislature. House. Committee on education: Report relative to plan for international literary exchange, 4019, 4020
———. ———. Joint committee: Report on international exchanges, 4397
———. ———. Senate. Committee on public instruction: Report respecting exchange of literary productions, 4636
Vattemare: Letters relative to receipt and distribution of books, documents, etc., 6751
———, prisoners
Michigan. Legislature. House. Committee on federal relations: Report relative to exchange of prisoners, 4069

Faber, W. F.
Fifty years; history of St. Johns' church, Detroit, 1628
Factory inspection
Michigan. Bureau of labor and industrial statistics: Annual report, 3241
———. ——— ——— ——— ——— ——— ———: Annual report of inspection of factories, 3242
———. Dept. of labor: Act creating dept., 3351
———. ———. — ———: Annual report, 3353
———. Laws, statutes, etc.: Law relating to inspection of factories, 3859
Facts and arguments against election of Gen. Cass, 1629
Fagots of cedar
Swift: Fagots of cedar, 6443, 6444
Fairbank, H. C.
Sketch of life of, 6249
———, Mrs. M. A. R.
Sketch of life of, 6250

FAIRLIE, J. A.
Mich. constitutional convention, 1630
Michigan. Political science association: Papers and addresses on primary reform, 4794
Referendum and initiative, 1631
Some suggested changes in Mich. constitution, 1632
Fairview
New map of Detroit and suburbs, by S. Farmer & co., 7681
Fall, B.
Michigan. Legislature. House. Committee on the judiciary: Report on petition [for law to convey certain lands], 4126
Fall, D.
Michigan. Dept. of public instruction: Arbor day, 3360
———. ——. — ——— ————————: State manual, 3438
———. ——. — ——— ————————: Thrift teaching, 3458
False Presq'ile
Harbors of refuge, by U. S. War dept., 7954-7956
Fancher, I. A.
History of Isabella co., 1633
Fanning, B. E.
Pocket or carriage directory of residences in Detroit, 1634
Farm animals, see names of animals
—— and business directory of Houghton, Keweenaw, Ontonagon and Baraga cos., 1635
—— journal directory of Allegan co., 1636
—— ——— ———— — Barry co., 1637
—— ——— ———— — Berrien co., 1638
—— ——— ———— — Calhoun co., 1639
—— ——— ———— — Eaton co., 1640
—— ——— ———— — Gratiot co., 1641
—— ——— ———— — Ingham co., 1642
—— ——— ———— — Ionia co., 1643
—— ——— ———— — Kent co., 1644
—— ——— ———— — Lenawee co., 1645
—— ——— ———— — Macomb co., 1646
—— ——— ———— — Monroe co., 1647
—— ——— ———— — Montcalm co., 1648
—— ——— ———— — Shiawassee co., 1649
—— ——— ———— — Van Buren co., 1650
—— **lands,** see Land
— **women,** see Women
Farmer, A. J.
New map of Wayne co., 7596
———**, J.**
Counting house map of Detroit, 7630
Geological map of mineral region, 7839
Improved edition of map of surveyed part of Territory of Mich., 7168, 7175
Improved map of surveyed part of Territory of Mich., 7157
——— —— — territories of Michigan and Ouisconsin, 7169, 7176
FARMER, J.—Continued
Map of Detroit, 7625
—— — Mich., 7200
—— — southern part of Mich., 7391
—— — surveyed part of Mich., 7182, 7191, 7215, 7226
—— — ———— —— — Territory of Mich., 7147
—— — Michigan and surrounding country, 7210, 7219, 7227, 7241, 7254, 7265, 7275, 7283
—— — state of Mich. and Territory of Wis., 7183
—— — Mich. and Wis., 7222
—— — ——. —— ——., embracing great part of Iowa, Ill. and Minn., 7234, 7240, 7243, 7247
—— — territories of Mich. and Ouisconsin, 7153, 7158, 7177
—— — U. S. road from Ohio to Detroit as located by Messrs. Edwards, Vance & Judd, 8022
—— — Wayne co., 7587
New sectional map of Wis., embracing part of Ill., Mich., and Minn., 7257
Railroad and township map of Mich., 7249, 7255, 7261, 7267
———**, S.**
All about Detroit, 1651
Automobile road map of southeastern Mich., 7996
Automobile road atlas of southern Mich., 7997
[Biographical data for history of Detroit and Mich.], 8394
Detroit in 1890, 1652
———. Young men's Christian association: Royal railroad, 1379
Farmer's map of Mich. and Wis., embracing part of Iowa, Ill., and Minn., 7238
Guide and souvenir of Detroit, 1653
Guide map of Detroit, 7643, 7648
Guide to streets, pavements, car routes and house numbers of Detroit, 1654-1657
Handbook and guide map of Detroit, 1658
History and rules of Elmwood cemetery, 1659
——— —— —— — Mount Elliott cemetery, 1660
——— —— —— — Woodmere cemetery, 1661
History of Detroit and Mich., 1662-1664
Ideal map of Detroit, 7694
Illustrated guide and souvenir of Detroit, 1665
Industrial map of Detroit, 7678
Mss., 8186
Map and manual of Detroit, 1666, 7638
—— of Detroit, 7651, 7667, 7671
[—— —] ——— and its environs, 7649, 7652, 7655
—— of Lake Superior and mineral regions, 7919, 7920
—— — railroads, Lower Peninsula, 8014

FARMER, S.—Continued
—— —— suburban railways in south-eastern Mich., 8019
—— — Wayne co., 7590, 7595, 7596
[—— —] ——— —., and part of Oakland and Macomb cos., 7601
Michigan book, 1667
New map of Detroit, Delray, Highland Park, Hamtramck, Woodmere, River Rouge, 7676
—— —— — ——— and suburbs, 7681, 7685
—— —— and guide of city and environs of Detroit, 7664
Official map of Detroit, 7665, 7675
Powell: Historic towns of western states, 5858
Railroad and township map of Mich., 7270, 7273, 7276
Sectional map of Mich., 7333, 7337
"Tri-color" map of Mich., 7340, 7354, 7362

Farmerkin's farm rhymes
Stockman: Farmerkin's farm rhymes, 6414

Farmers' and mechanics' bank
Memorial asking extension of charter, 1668
——— of stockholders, 1669
Michigan. Legislature. House. Committee on the judiciary: Report upon resolution relative to, 4127
———. ————. ——. Select committee: Report of committee appointed to investigate, 4293
———. ————. ———. Special committee: Report of committee to investigate condition, 4363
———. ————. Joint committee: Report of committee [to investigate affairs], 4387
———. ————. —— ————: Report of committee of investigation into condition, 4389
———. ————. Senate. Committee on banks and incorporations: Report of committee to whom was referred petitions for removal or extension of charter, 4446
———. ————. ———. Committee on incorporations: Report relative to, 4517
———. Treasury dept.: Communication relative to, 5131
See also Banks and banking

Farms and farming
Dexter: Study of farm management problems in Lenawee co., 1529
Grange: Diseases of farm animals, 1966
[Hamilton?]: Peaceful valley farms, 2028
May: Farmers' movement, 2927
Michigan. Agricultural college: Program, farmers' week, 2993
———. Dept. of state: Annual report relating to farms and farm products, 3472

FARMS AND FARMING—Continued
——— farmer: Co-operation in [illegible] tion, 5397
———. Laws, statutes, etc.: Mich. farm laws, 3860
———. Political science association: Social problems of the farmer, 4797
———. State association of farmers' clubs: Proceedings, 4852
———. State board of agriculture: Mich. farmers' institutes, 4863
Smith: Shrinkage of farm products, 6282
——: Suggestions on farm accounts, 6290
See also Agriculture; Michigan. State grange

Farnsworth, B. S.
Memorandum book, 8395
Scrapbooks, 8396

————, E.
[Campbell]: Elon Farnsworth, 567
Mss., 8133

————, F. E.
Proceedings; complimentary banquet to T. W. Palmer, 1670

Farrand, E. M.
History of U. of M., 1671

———, J. S.
In memory of, 2317

——— training school for nurses
Announcement, 1672
See also Harper hospital

Farrell, J.
Mss., 8165

Farwell, O. A.
Mich. novelties, 1673
Notes on Mich. species of polygonatum, 1674

Faults (Geology)
Lane: Keweenaw fault, 2602

Faxon, Mrs. C. C.
Sage public library: Supplement "A" to catalogue, 6065

Fayette
Polk & co.: Directory, 5767

Federal lands
Salmon: Education in Mich.; and federal land grants for internal improvements, by A. N. Bliss, 6134
See also Land

Federation of labor, see Michigan. Federation of labor

Fee system
Rouech: Guide to lawful fees and compensations, 6039, 6040

Feeble minded, see Defective and delinquent classes; Michigan. Home and training school

Feeding stuffs
Shaw: Feeding whole grain, 6218
See also Commercial feeding stuffs

Felch, A.
Indians of Mich., 1675
Mss., 8153, 8154
Michigan. Governor: [Messages and communication], 3643-3646

FELCH, A.—Continued
[· ———. University. Board of regents. Executive committee]: [Letter from J. Kearsley], 5247
Washtenaw county. Bar association: Proceedings at banquet in honor of, 6810
Fellows, G.
Michigan. State library. Legislative reference dept.: Local legislation, 5064
Female benevolent society, see Protestant orphan asylum
Fenton
Charter and ordinances, 1676
Polk & co.: Directory, 5768
[Fer, N. de?]
Carte de Nouvelle France, 7084
Carte tres curieuse de la Mer du Sud, 7085
Ferguson, N.
Tucker vs. Ferguson, 1677
———, R. M.
Grand Rapids. Ordinances, etc.: Compiled ordinances, 1913
Fergusson, A.
Practical notes made during tour in Canada, 1678, 1679
Fernow, B.
Ohio valley in colonial days, 1680
Ferrey, Mrs. M. B.
Know your own state, 1681
Old seals and state seals, 1682
Ferris, J.
States and territories of great West, 1683
———, W. N.
Address as temporary chairman of Mackinac conference of American peace centenary committee, 1684
Duty of state toward mouth hygiene, 1685
[Mrs. N. G. Ferris], 1686
Michigan. Governor: [Messages, letter and reports], 3780-3786
———, Mrs. N. G.
Ferris: [Mrs. N. G. Ferris], 1686
——— institute
Business, shorthand and telegraphy, 1687
[Calendar], 1688
Catalog, 1689
What school, 1690, 1691
Ferry, N. H.
Cooper: Obituary discourse, 827
———, T. W.
Justice to Mich. Indians, 1692
Michigan. Commissioner of the Gettysburg cemetery: Report, 3269
———, Rev. W. M.
In memoriam, 2306
Ferrysburg
Map, by S. S. Montague, 7705
Fertilizers
Jensen: Composition and value of farm manures, 2402
Kedzie: Commercial fertilizers, 2467-2471
———: Fertilizer analyses, 2474, 2479
Patten: Fertilizer analyses, 5663
Robison: Fertilizer bulletin, 5997
FESTBERICHT bei fünfzigjahrigen jubiläum und einweihung drei neuen glocken der Evang.-Prot. St. Johannes gemeide, 1693
Few facts concerning history of Mich. state board of registration in medicine, 1694
Fick, L. J.
Mechanics' lien law, 1695
Field, G.
Memoirs, incidents and reminiscences of early history of New church, 1696
Field crops
Pettit: Insects of, 5722
Fielding, I.
Map of U. S., 7112
Fife Lake
Polk & co.: Directory, 5763
Filley, A.
Fitch: Report of great conspiracy case, 1702
———, W.
Life and adventures of, 1697
Finance
Bay City: Annual statement, 264
Saginaw. Controller's office: Annual report, 6087
Wayne county. Board of county auditors: Report, 6820
——— ———. Treasurer: Report, 6834
See also Detroit. Controller's office; Detroit. Treasurer's office; Michigan. Auditor general's office; Michigan. Board of state auditors; Michigan. Board of trustees of state assets; Michigan. Finance; Public finances; Michigan. Treasury dept.
Fine arts, see Art
Finlay, J. R.
Michigan. Board of state tax commissioners: Appraisal of mining properties, 3228
Finlayson, J.
Geographical, statistical and historical map of Mich. Territory, 7141, 7149
Finley, A.
Map of states of Ohio, Ind. and Ill., and part of Mich. Territory, 7148
Western states and territories, 7151
Finney, B. A.
Public libraries and local history, 1698
Fire insurance
Insurance herald hand book, 2319
Michigan. Laws, statutes, etc.: Laws relating to fire and marine insurance, 3885-3888
See also Insurance
Fire marshal, see Michigan. State fire marshal
Fire marshal law
Michigan. Laws, statutes, etc.: Fire marshal law, 3861
Firemen's association, see Michigan. State firemen's association
Fires and fire relief
Michigan. Fire relief commission: Report, 3540
See also Forest fires

FISCHER, R. S.
Colton's traveler, 754

Fish and fishing
Clark, F. N.: Disadvantage of planting small fish, 692
——, —. —.: Report on distribution of fish and eggs from Northville and Alpena stations, 693
——, N. W.:Pisciculture, 700
Curtis: Fish in national park, 883
Disturnell: Lake Superior guide, 1525
Gallagher: Remonstrance against act repealing act to prevent transportation of pickled fish without inspection, 1780
Grand Rapids and Indiana railroad co. Passenger dept.: Guide to haunts of "little fishes", 1946
— — —— —— ——— ——— —.
——— ——.: Guide to resorts, 1947
Hankinson: Observations on fishes in Houghton co., 2036
————: Results of Shiras expeditions to Whitefish Point, 2037
Hill: Memorial against law to suppress pound or trapnet fishing, 2117
King: Trouting on Brulé River, 2531, 2532
Laflin and co.: Need of national law to regulate size of mesh of nets on Great Lakes, 2586
Meek: Synoptic list of fishes within 50 miles of Chicago, 2936
Metcalf: Success in propagating California trout, 2959
Michigan. Game, fish and forestry warden: Biennial report, 3552
———. Laws, statutes, etc.: Act to protect, 3864
———. ——. ———, —.: Commercial fish laws, 3865
———. ——, ———, —.: Game and fish laws, 3869-3871
———. Legislature. House. Committee on fisheries: Report relative to fishing interests, 4077, 4078
———. ————. Senate. Committee on state affairs: Report in relation to bill to regulate fisheries, 4669
———. ————. ———. ———
——— — —— ———: Report in relation to destruction of fish, 4670
———. ————. ———. Select committee: Report of committee to whom has been referred sundry petitions on inspection of fish, 4717
Nelson: Fisheries of Chicago and vicinity, 5536
Northrup: Camps and tramps in Adirondacks and grayling fishing in northern Mich., 5562
Old club: Old club of Detroit, 5591
Pere Marquette railroad co.: Fishing and hunting, 5699
—— ——— ——— —.: Mich. summer resorts, 5701

FISH AND FISHING—Continued
Reighard: Breeding habits of black bass, 5944
————: Ecological reconnoissance of fishes of Douglas Lake, 5945
Ruthven: Miscellaneous papers on zoology, 6057
Shields: Rustlings in rockies, 6235
Smith: Fisheries of Great Lakes, 6306
See also Michigan. Laws, statutes, etc.; Michigan. Public domain commission. Game, fish and forest fire dept.; Michigan. State board of fish commissioners

Fish commission, see Michigan. State board of fish commissioners

Fish warden, see Michigan. Game and fish warden; Michigan. Game, fish and forestry warden; Michigan. Game, fish and forestry dept.

[Fisher, E. B.]
Grand Rapids, illustrated, 1699

Fiske, L. R.
Address on condition and office of M. A. C., 1701
Albion college, 1700

Fitch, A. F.
Report of great conspiracy case, 1702
Seward: Argument in defence of, 6203
Van Dyke: Argument in railroad conspiracy case, 6737

——, F. S.
Catalogue of public school exhibit, 1703

——, J.
Map of northwest parts of U. S., 7117
Phillips: Rare map of Northwest, 5731

Five million loan
Michigan. Auditor general's office: Communication [relative to damages upon unpaid installments], 3097
[———. ——— ——— ——: Communication on interest on unrecognized portion of bonds], 3115
———. ——— ——— ——: Report, 3130
———. Governor: Special message concerning, 3623
———. ————: Special message in relation to protested drafts drawn, 3632
———. Legislature. House. Committee on the five million loan: Report, 4079, 4080
———. ————. ———. Committee on ways and means: Report of committee to whom has been referred bill for anticipation of installments of, 4261
———. ————. Joint committee: Report on five million loan bonds, 4390
———. ————. Joint select committee: Report of committee to investigate negotiation, 4416
———. ————. Senate. Committee on finance: Report of committee to which was referred message in relation to proposition for modifying terms of, 4486

FIVE MILLION LOAN—Continued
———. ———. ———. ——— ——— — ———: Report, 4487
———. ———. ———. ——— ——— — ———: Report of committee to whom was referred report on, 4505
———. ———. ———. Committee on incorporations: Report on resolutions inquiring into expediency of prohibiting circulation of bills less than 5 dollars and creating bank from balance of five million loan, 4515
———. ———. ———. Select committee: Report, 4719
———. Treasury dept.: Communication concerning future payments, 5132

Flags
Michigan. Adjutant general's office: Flags of Mich., 2974
———. Laws, statutes, etc.: Mich. flag law, 3862
———. State library: American flag, 5006, 5007
Pattengill: Special day exercises, 5672

Flaherty, N. L.
Brief sketch of earliest history of Michigan's Great Lakes region, 1704

———, V.
History of Grand Rapids furniture strike, 1705

Flat pea
Clute: Spurry [and] flat pea, 718

Flats
Michigan. Laws, statutes, etc.: Digest of laws, 3863

Fletcher, J.
Plat of tract of land, 8397

———, S. W.
Outline of elementary course in horticulture, 1706
Pollination of forced tomatoes, 1707
Varities of fruit originated in Mich., 1708

———, W. A.
Communication relative to revision of laws, 1709
Report relative to revision of laws, 1710

Flint, J.
Letter from America, 1711

——, T.
Condensed geography and history of western states, 1712

Flint
Charter and ordinances, 1713, 1714
Citizens
Proceedings of meeting relative to dam across Flint River, 1715
Description
Wood: History of Genesee co., 7017
Directories
Bards and co's. business directory, 226
Mills: Directory of Flint, 5451
Polk & co.: Directory, 5768
Executive committee of the golden jubilee
Book of golden jubilee, 1716

FLINT—Continued
Flint and Pere Marquette railroad co.
Argument as to right of state to impose local tax on railroad lands, 1719
Burch: Gazetteer, 495
Ferguson: Tucker vs. Ferguson, 1677
History, resources and prospects of Saginaw valley, 2175
Joy: Mss., 8136, 8138
Map of company's lands in Mich., 7849
Map of lands in Saginaw region, 7850
Report, 1720
U. S. Circuit court. Eastern district of Mich.: John W. Mackintosh vs. Flint and Pere Marquette, 6630
Webber: Argument on behalf of, 6840
Ladies' library association
Catalogue, 1717
Constitution and catalogue, 1718
Crapo: Address at dedication of library building, 856
Map, by G. T. Clark & S. Mathewson, 7704
Michigan. Attorney general's office: Opinion on whether bill authorizes delivery of bonds in aid of Pontiac and Lansing railroad, 3066

Flint scientific institute
Constitution, 1721

Flint River
Flint. Citizens: Proceedings of meeting relative to dam across Flint River, 1715
Seymour: Memorial in relation to bill to keep up dam, 6205

Flint River Baptist association
Minutes, 1722

Flora
Beal: Mich. flora, 304, 305
Sargent: Crataegus in southern Mich., 6139

Flowers
Adair: Autumn catalogue, 4
———: Descriptive catalogue of vegetables, flower and agricultural seeds, 5

Flushing
Clark: Decoration day, 689
Flint. Citizens: Proceedings of meeting relative to dam across Flint River, 1715
Polk & co.: Directory, 5768

Foik, P. J.
Mich. essay, 1723

Folk-lore. Indian
Schoolcraft: Algic researches, 6157
[———]: Indian fairy book, 6166
———: Myth of Hiawatha, 6172
See also Indians

Follett, Mrs. E. N.
In memoriam, 2312

Folsom, W. H. C.
Fifty years in Northwest, 1724

Food
Detroit and Mackinac railroad co.: Helping to feed and clothe America, 1405

FOOD—Continued
Michigan. Laws, statutes, etc.: Dairy and food laws, 3850
See also Michigan. Dairy and food commissioner

Football
Wagner & co.: Mich. on the gridiron, 6778

Forage crops
Crozier: Forage crops, 874
——— **plants**
Towar: Sand lucerne, 6556

Forbes, J. G.
Hull: Report of trial of Gen. Hull, 2265

Ford, C. L.
Memorial discourse on A. B. Palmer, 1725
Michigan. University: Memorial discourses on, 5195
———. ———: Synopsis of lectures, 5215
——, H.
Lane: H. Ford's own story, 2612
——, H. A.
Michigan, 1726
——, M. H.
U. S. 52d Cong., 2d sess.: Memorial addresses on life and character of, 6643
——, R. C.
Hoyt: J. D. Pierce, 2237
Journal of Pontiac's conspiracy, 2425
Tocqueville: Voyage en Amérique, 6550
White captive, 1727
——, R. M.
Financial statement of Highland Park, 1728
——, & son
Michigan. Legislature. House. Committee on ways and means: Report in relation to resolutions on subject of loan, 4278
—— motor co.
Detroit evening news: Investigation of profit-sharing, 1442
Ford factory facts, 1729
Ford motor cars, 1730
Helpful hints to employes, 1731
—— River
Polk & co.: Directory, 5767

Foreigners
Chaney: Alien suffrage, 635
Detroit. Board of commerce: Information for immigrants, 986
———. Public library: Books for foreigners learning English, 1286, 1287
Woodbridge: Mss., 8051
See also Emigration agent

Forestie, E.
Lamothe-Cadillac, 1732

Forest fires
Bailey: Report on Mich. forest fires of 1881, 185
Michigan. Forestry commission: Mich. forestry, 3547

FOREST FIRES—Continued
———. Lumbermen: Facts and figures against passage of Chicago relief bill, 4768
[Roth]: Forest fires, 6035
See also Michigan. Game, fish and forestry warden; Michigan. Game, fish and forestry dept.
——— **reserves,** see Forests and forestry

Forestry association, see Michigan. Forestry association
——— **commission,** see Michigan. Forestry commission
——— **day**
King: Prose and verse for use on programs, 2530
——— problem in southern Mich., 1733

Forests and forestry
Beal: Lessons on growing forest trees, 302
Clark: Woodlot forestry, 698
Grand Island forest and game preserve, 1852
Hill: Pine industry, 2116
Michigan. Commission of inquiry, tax lands and forestry: Report, 3260
———. Forestry association: Annual meeting, 3541
———. ——— ———: Laws, 3542
———. ——— commission: Advance movement, 3543
———. ——— ———: First report, 3544
———. ——— ———: Little talk about forestry, 3545
———. ——— ———: Mich. forest reserve manual, 3546
———. ——— ———: Mich. forestry, 3547
———. ——— ———: Report, 3548
———. ——— ———: Steps of progress, 3549
———. Laws, statutes, etc.: Act to provide for preservation, 3866
———. Legislature. House. Special committee: Report of committee to whom was referred memorial relative to preservation of forest trees, 4375
———. State library. Legislative reference dept.: Public lands and forest protection, 5066
Proceedings of forestry convention in Grand Rapids, 5876
Roth: Forest regulation, 6036
——: What is forestry, 6037
——: What the state should do, 6038
[Schmidt]: How truth regarding proposed forestry legislation is distorted, 6156
Wheeler: Sketch of original distribution of white pine in lower peninsula, 6888
Whitford: Genetic development of forests of northern Mich., 6906
Woolsey: Norway pine in lake states, 7035

FORESTS AND FORESTRY—Continued
See also Michigan. Game, fish and forestry warden; Michigan. Game, fish and forestry dept.; Michigan. Public domain commission
Forman, S. E.
Government in Mich., 1734
Fort Brady
Plat of survey of land "for military purposes", by G. C. Westcott, 7851
—— Dearborn massacre
Helm: Fort Dearborn massacre, 2101
—— Defiance
[Carter]: Centennial, 582
—— Gratiot
Meech: Port Huron and St. Clair co. directory, containing directory of, 2935
Sherman co.: Port Huron and Fort Gratiot directory, 6230
True copy of plot of military reservation, by W. H. Hearding & J. L. Beghein, 7852
—— Meigs
Miscellaneous mss., 8180
—— Michilimackinac
Memorial monument at site of, 2940
—— Ponchartrain
Map of fort and vicinity, 7853
—— St. Joseph
McCoy: Old Fort St. Joseph, 2805
—— Street union depot co.
Map and profile of railroad from 18th st. to 3rd st., 8005
—— Wayne, Jackson and Saginaw railroad
Joy: Mss., 8138
Forts
Brown: Old Northwest Territory, 461
Fossils
Winchell: Descriptions of fossils from Marshall and Huron groups, 6968
————: Descriptions of new species of fossils from Marshall group, 6969
————: Notice of small collection of fossils from Potsdam sandstone of Wisconsin and Lake Superior sandstone of Mich., 6983
————: Notices and descriptions of fossils from Marshall group of western states, 6984
Foster, G. L.
Past of Ypsilanti, 1735
[——, J.]
Capitulation, or history of expedition by W. Hull, 8398
——, J. W.
Geological map of Lake Superior land district, 7808
Geological map of district between Keweenaw Bay and Chocolate River, 7809
Report on geology and topography of portions of Lake Superior land district, 1736, 1737
Section and diagram illustrating geology of region between north shores of lakes Superior and Michigan, 7810
FOSTER, W. D.
Smith: Memorial, 6307
—— and Reynolds
Standard guide, Mackinac Island and northern lake resorts, 1738
Foul brood
Cook: Foul brood, 787
Millen: Foul brood, 5443
Pettit: Foul brood, 5718
Smith: Foul brood, 6274
Fountain, P.
Great Northwest, 1739
Fourth of July orations
Van Schelven: Centennial, 6749
Varnum: Oration at Marietta, July 4, 1788, 6750
Fowler, S. W.
Autobiographical sketch, 1740
Fowlerville, see Quadrangle maps
Fowls
[Marshall]: Tuberculosis, 2902
Fox, C.
Examination of case of church discipline, 1741
——, F. M.
Betty of Old Mackinaw, 1742
——, O. G.
Sewerage of Greenville, 1743
——, P. L.
Map showing Duncan lands on Mackinac straits and Cheboygan River, 7848
——, T. B.
History of Saginaw co., 1744
History of Saginaw valley, 1745
——, W. A.
Beautiful Rochester, 1746
—— illustrating co.
Lansing illustrated, 1747
—— Islands
Coast chart no. 8; Lake Mich., by U. S. War dept., 7908
Northeast end of Lake Mich., by U. S. War dept., 7899
Franchise
Michigan. Legislature. House. Committee on the revision of the constitution: Report relative to disfranchising deserters from military service, 4013
See also Suffrage; Women. Suffrage
Frank, L. F.
Pionierjahre der familien Frank-Kerler, 1748
—— family
Frank: Pionierjahre der familien Frank-Kerler, 1748
Frankfort Harbor
Poe: Annual report upon improvement of certain rivers and harbors, 5752
Frankfort
Literary association library
Catalogue, 1749
Public school library
Catalogue, 1750

FRANKING PRIVILEGE
- Michigan. Legislature. House. Committee on the judiciary: Report upon resolutions relative to extension, 4128
- ———. ———. Senate. Committee on state affairs: Report of committee to whom was referred resolution relative to extension to governors of franking privilege, 4671
- Vermont. Governor: [Communication enclosing copy of resolution relative to extending franking privilege to governors of states], 6755

Franklin club, Detroit
- Constitution, 1751

Fraser, A. D.
- Mss., 8062, 8063, 8131
- Michigan (Ter.) Laws, statutes, etc.: Laws of territory, 5345

———, —. —., **estate**
- Executors' account book, 8399

———, **E. A.**, see Fraser and gates

——— **and Gates**
- Letter books, 8400
- Mss., 8159, 8162

Fraternal beneficiary societies
- Michigan. Laws, statutes, etc.: Laws relating to fraternal beneficiary societies, 3867

Fraternities, see Greek letter men

Frazier, J.
- Sunset at Mackinac, 1752

Frederick mills
- Michigan. Auditor general's office: Report in relation to state mills at Frederick, 3134
- ———. State land office: Communication relative to appraisals and sale of Frederick mill property, 4993

Freeman, A. F.
- [Equal taxation], 1753

———, **C.**
- Hodge: Memorial claiming seat in house, 2178
- Michigan. Legislature. House. Committee on elections: Report in relation to memorial of H. C. Hodge claiming seat of, 4045

Freeman's pamphlet, 1754

Freemasons
- Detroit
  - Cottrell: Revised ed. of memoirs, by-laws, roster and album of Detroit commandery no. 1, K. T., 841
  - Noble: Historical résumé of pilgrimages of Detroit commandery no. 1, 5553
  - Palestine lodge no. 357, 1755
- Dowagiac lodge no. 10
  - By-laws, 1756
- Michigan
  - Conover: Freemasonry, 775
  - Grand chapter of Royal Arch Masons
    - McCurdy: Address, 2827
    - Transactions, 1757

FREEMASONS—Continued
- Grand commandery of Knights Templar
  - Annual conclave, 1758
- Grand council of Royal and Select Masters
  - Proceedings, 1759
- Grand lodge
  - Conover: Compiled law, 774
  - Masonic burial service, 1760
  - Memorial service, 1761
  - Michigan Masonic ceremonies, 1762
  - ——— ——— monitor, 1763
  - Revised constitution, 1764
  - Transactions, 1765
- Look: Masonic trials and Mich. digest, 2766
- Pitts: Notes on early history, 5750
- Pratt: Historical sketch of early Masonry in Mich., 5865

Free trade
- Brewer: Speech, 436
- Republican party. Michigan. State central committee: Evils, 5955
- [Stebbins]: British free trade, a delusion, 6388

Freight rates, see Michigan central railroad

French, E.
- Mss., 8164

———, **J. A.**
- Grand Rapids directory, 1766

———, **W. H.**
- Michigan. Dept. of public instruction: Agriculture in rural schools, 3355

——— **and Indian war**
- British museum: French-Indian war, 8251
- Fernow: Ohio valley, 1680
- McKnight: Our western border, 2838
- Mante: History of late war, 2876

——— **in Michigan and Northwest**
- Baker: Sources of Mississippi, 200
- Baldwin: Discovery of Old Northwest, 206
- Bartlett: La Salle, 237
- Bulkley: Early French settlements, 487
- Burton: Detroit rulers, 520
- ———: Mss., 8129
- Butler: First French footprints beyond lakes, 537, 538
- ———: French fortifications, 539
- Butterfield: History of Brulé's discoveries, 541
- ———: History of discovery of Nicolet, 542
- Campbell: [Mss.], 8281
- Carter: French mission life, 581
- Crossman: Early French occupation of Mich., 866
- Crowley: Daughter of New France, 869
- Custard: French settlement in St. Joseph co., 886
- Dubuisson: Official report of war at Detroit in 1712, 1551
- Elliott: Last of Barons, 1590

FRENCH IN MICHIGAN AND NORTHWEST—Continued
  Farmer: Mss., 8186
  Hamlin: Legends of Le Détroit, 2029
  Kellogg: Early narratives of Northwest, 2497
  Knapp: History of Maumee valley, 2555
  La Salle: Relation of discoveries and voyages, 2686
  Law: Colonial history of Vincennes, 2689
  Margry: Découvertes et établissements, 2878
  Marshall: Building and voyage of the Griffon, 2906
  [————]: De Céloron's [Céleron's] expedition to Ohio, 2907
  St. Pierre: Histoire des Canadiens-Français du Mich., 6131, 6132
  See also Detroit. History; Michigan. History
Frenchtown, Battle of
  Dudley: Battle and massacre, 1553
  Western Reserve historical society: Battle of, 6880
Frieze, H. S.
  Memorial discourse on Rev. H. P. Tappan, 1767
  Michigan. University: Exercises at unveiling of monument in memory of, 5180
  ————. —————: Memorial address at funeral of Prof. Watson, 5197
  ————. —————. Gallery of art and archaeology: Descriptive catalogue, 5285
  ————. —————. Museum of art and history: Catalogue, 5308
  Relations of state university to religion, 1768
Frink, Mrs. B.
  Reminiscences, 8401
Frisbie, J. W.
  Handbook and guide map of Detroit, 7634
Frontenac, L. de B., Count de P.
  Isham: Frontenac and Miles Standish in Northwest, 2346
Frontier and pioneer life
  Allegan co. pioneer society: Report, 53
  Baby: Souvenirs of past, 167
  Bagley: Old times, 170
  Barber: Vermontville colony, 217
  Blanchard: Discovery and conquests of Northwest, 386
  Blowe: Geographical, commercial and agricultural view of U. S., 393
  Cook: Six months among Indians, 803
  Cooper: Oak-openings, 829
  Custer: Boots and saddles, 887, 888
  ———: Tenting on plains, 891, 892
  ———: Wild life on plains, 893
  Ellet: Pioneer women of West, 1588
  Frank: Pionierjahre der familien Frank-Kerler, 1748
  Gerrish: Journal, 8403
  [Gibbs]: Glimpses of early Mich. life in and around Kalamazoo, 1804

FRONTIER AND PIONEER LIFE—Continued
  Hay: Narrative of life on old frontier, 2089
  Hildreth: Contributions to early history of Northwest, 2113
  ————: Pioneer history, 2114
  Indian and pioneer history of Saginaw valley, 2291
  [Kaler]: Benjamin of Ohio, 2463
  Kinzie: Waubun, 2539-2541
  [Kirkland]: Forest life, 2543, 2544
  ————: New home, 2545-2549
  ————: Our new home in West, 2550
  ————: Western clearings, 2551, 2552
  McKnight: Our western border, 2838
  Mevis: Pioneer recollections, 2968
  Mitchener: Ohio annals, 5464
  Nida: Letters of Polly, 5545
  Nowlin: Bark covered house, 5574
  [Pritts]: Abentheuerliche ereignisse aus leben ersten ansiedler mittleren und westlichen staaten, 5875
  ———: Incidents of border life, 5874
  Rasmussen: Pioneer life in Big Dane settlement, 5927
  [Singleton]: Pleasure parties in Northwest, 6247
  Strickland: Pioneers of West, 6432
  Trowbridge: Pioneer days, 6594
  Walker: Experiences of pioneer life in early settlements and cities of West, 6790
  Wilson: Arkansas traveller, 6966
Frost, G. S., & co.
  St. Mary's Falls ship canal co.: 560,000 acres pine lands, 6130
——, H. J.
  Kalcaska [Kalkaska] co., 7490
——, J. B.
  State fair grounds, Jackson, 7731
"Frost bitten convention", see Michigan. Convention
Frothingham, E. H.
  Selling woodlot products, 1769
  Wood: Notes on birds of Au Sable valley, 7021
Frue, Mrs. H. L.
  Investment books, 8402
Fruit and fruit culture
  Bailey: Hints on rural adornment, 180
  ———: Notes, 181
  ———: Varieties of apples for market, 184
  Clubb: Spring Lake, 715
  Dean: Notes on small fruits, 936
  Eustace: Spray and practice outline, 1617
  Fletcher: Varities originated in Mich., 1708
  [Fruit belt land corporation]: Mich. grows fruit better than West, 1770
  Fruitport orchard and vineyard co.: Fruit lands, 1771
  Greening nursery co.: Fortune in fruit farming, 1985

FRUIT AND FRUIT CULTURE—Continued
Hood: Laboratory manual, 2199
[Hubbard]: Fruit culture, 2240
[———]: Orchards and fruits, 2241
Long Point development association: Golden opportunities in heart of Mich. apple belt, 2761
Longyear: Fungous diseases, 2762
Merchant: Fruit garden of West, 2953
Michigan. Agricultural college. Experiment station: Report of South Haven substation, 3020
———. ——— ———. ——— ———: Special bulletin, 3022
———. Laws, statutes, etc.: Laws relating to sale of fresh fruit and vegetables, 3868
———. State horticultural society: Annual report, 4982
———. ——— ——— ———: Catalogue of fruits, 4983
Taft: Bush fruits, 6454
———: Fruit list, 6457
———: Fruit notes, 6458
———: Fruits at agricultural college, 6459
———: Mich. fruit list, 6462, 6463
[———]: New danger to fruit growers, 6464
———: Small fruit notes, 6477
———: Small fruit notes; spraying, 6478
———: Small fruit notes for 1904, 6479
———: Small fruit trials at college, 6480
———: Vegetables and bush fruits, 6489
Traverse City. Board of trade: Grand Traverse fruits, 6572
Upper Peninsula development bureau: Upper Peninsula of Mich. fruit, 6728
Wilkin: Small fruit culture, 6929
Winchell: Notes on Selandria Cerasi Harris as it occurs at Ann Arbor, 6981
See also Apples; Blackberries; Grapes; Orchards and vineyards; Peaches; Plums; Raspberries; Strawberries

[Fruit belt land corporation]
Mich. grows fruit better than West, 1770

Fruit lands, see Land

Fruitport orchard and vineyard co.
Fruit lands, 1771

Fruitvale land development co.
Fruitvale gardens, 1772

Fryer, R. C.
Mich. state auto school: Automobile electrician's key, 5419

Fugitive slaves
Emmons: Mss., 8041
Michigan. Legislature. House. Committee on federal relations: Report of committee to whom was referred report touching proceedings in Marshall, 4063
———. ——— ———. ——— ——— ——— ———: Report relative to fugitive slave law, 4064

FUGITIVE SLAVES—Continued
———. ——— ———. ——— ——— ——— ———: Report relative to delivering up fugitive slaves, 4065
———. ———. ———. Select committee: Report of committee to whom was referred bill to protect citizens from claims of slave-holders, 4309
Wilkins: Mss., 8103
See also Personal liberty laws; Slavery; Underground railroad

Full length portrait of D. Houghton, 1773

Fuller, E. B.
Michigan. Legislature. House. Committee on the state prison: Report relative to allowing losses upon contracts, 4209

———, G. N.
Economic and social beginnings of Mich., 1774
Michigan. Historical Commission: Mich. historical commission; prepared by, 3796
———. ——— ———: Proceedings of Michigan Pioneer and historical society; prepared by, 3799
———. ——— ———: Sketch of historical societies; prepared by, 3798
———. ——— ———: Suggestions for local historical societies; prepared by, 3797

———, M. L.
Failure of wells along lower Huron River, 1775

———, W. D.
Michigan. Supreme court: Practice reports, 5125

Fulton, M. W.
Methods and results of tillage, 1776

———, S. H.
Michigan. Agricultural college. Experiment station: Report of South Haven substation, 3020

Funeral address and memorial notice of Mrs. I. G. Duffield, 1777

Funfzig jahre Deutschen strebens, 1778

Fungi
Pollock: Mich. fungi, 5792

Fungicides
Patten: Analyses of some materials sold as, 5661
Taft: Insecticides and fungicides, 6460

Furnaces consuming L. S. ores, by Mich. geological survey, 7827

Furniture industry and trade
Grand Rapids furniture record, 1950
Widdicomb: Address at banquet in commemoration of semi-centennial anniversary of incorporation of Grand Rapids, 6920
———: Early history of furniture industry in Grand Rapids, 6921
———: The mahogany tree, 6922

Furniture strike, see Grand Rapids. Furniture strike

FUR TRADE
  Askin: Invoice book, 8222
  ——: Mss., 8037
  Barthe: Ledger, 8236
  ———: Sales book, 8237
  Graham and McKenzie: Ledger "B", 8407
  Miamis co.: Journals, 8467
  Richmond: Fur traders of Grand River valley, 5976
  Utley: Fur trade in early development of Northwest, 6732
  Williams: Mss., 8038, 8127, 8128, 8147, 8148, 8151, 8156

Gaines
  Polk & co.: Directory, 5768
Gale, G.
  Upper Mississippi, 1779
Galena and Chicago union railroad
  Michigan central railroad co.: Contract between, 5372
Galien River
  Survey, by Lieut. J. M. Berrien, 7971
Gallagher, T.
  Remonstrance against act repealing act to prevent transportation of pickled fish without inspection, 1780
———, W. D.
  Facts and conditions of progress in Northwest, 1781
Galloway, T. B.
  Ohio-Michigan boundary, 1782
Game and fish laws
  Boies: Catalogue of birds in southern Mich., 394
  Michigan. Laws, statutes, etc.: Game and fish laws, 3869-3871
Game and fish warden, see Michigan. Game and fish warden; Michigan. Game, fish and forestry warden; Michigan. Game, fish and forestry dept.
—— —— game birds
  Michigan. Game, fish and forestry warden: Biennial report, 3552
——, fish and forest fire dept., see Michigan. Public domain commission. Game, fish and forest fire dept.
—— preserve, see Forest and game preserve
Games
  Michigan. Dept. of public instruction: Games, 3390
  ————. State normal college. Dept. of physical education: Suggestions for physical training, 5082
Ganley, Miss M.
  Lansing. Public school library: Catalogue, 2663
Gansser, A. H.
  History of Bay co., 1783
Gardam, W. H.
  Ypsilanti. Vestry of St. Luke's church: In memoriam, 7069

GARDEN
  Polk & co.: Directory, 5767
Gardens and gardening
  Detroit. Public library: Gardens; selected list, 1309
  ——. ——— ———: Shade trees and gardening, 1327
  Jeffery: Elementary laboratory study in crops, 2392
  Knapper: Vitality of garden seeds, 2557
  Michigan. State horticultural society: Annual report, 4982
  Pettit: Insects of garden, 5723
  Taft: Pests of orchard and garden, 6469
  Waid: Hints on home gardening, 6779
  ——: Home vegetable garden, 6780
Gardiner, W. H.
  Mackinac, 1784, 1785
Gardner, W.
  Michigan. Constitution: Constitution, 3306
Garfield, C. W.
  Forestry problem; Gospel of forestry, 1733
  Holt: Story of Grand Rapids, 2196
  Michigan. Forestry commission: Mich. forestry, 3547
———, J. A.
  Discovery and ownership of Northwestern Territory, 1786
  McGrath: Memorial day at Corunna, 2834
Gargoyle, 1787
Garment making
  Raven: Garment making for girls, 5930
Garner, J. W.
  Michigan. State library. Legislative reference dept.: Amendment of state constitutions, 5053
Garrigues, S. S.
  Michigan. Salt inspector: Statistics relating to saline interests, 4830
  Report on salt manufacture, 1788, 1789
Gas association, see Michigan. Gas association
Gas, natural
  Smith: Occurrence of oil and gas in Mich., 6310
Gates, J. C.
  Mss., 8168
  Mich. law of real property, 1790
  See also Fraser and Gates
Gaultier, J.
  Cadillac: [Contract between Cadillac, Arrivé and Gaultier, and Hazeur], 8276
Gaylord, A. S.
  [Jackson, Lansing and Saginaw railroad co.]: Lands exempt from general taxation, 2374
Gedenkboek van het vijftigjarig jubileum der Christelijke Gereformeerde Kerk, 1791
Geib, W. J.
  U. S. Dept. of agriculture: Soil survey of Pontiac area, 6662

GEIL, S.
  Map of Mich., 7250, 7258
—— and Harley
  Map of Allegan co., 7409
  —— — counties of Clinton and Gratiot, 7446
  —— — Kalamazoo co., 7484
  —— — counties of Ottawa and Muskegon and part of Allegan, 7552
——, Harley and Siverd
  Map of Calhoun co., 7433
  —— — counties of Cass, Van Buren and Berrien, 7440
  Topographical map of counties of Ingham and Livingston, 7470
—— and Jones
  Map of Branch co., 7427
  —— — counties of Eaton and Barry, 7450
  —— — —— — Genesee and Shiawassee, 7455
  —— — Hillsdale co., 7461
  —— — Jackson co., 7480
  —— — counties of Macomb and St. Clair, 7520
  —— — Monroe co., 7528
  —— — St. Joseph co., 7560
  —— — Wayne co., 7588
Geismar, L. M.
  Corn production, 1792
  Grasshoppers, 1793
  Smith: Sugar beets in Upper Peninsula, 6289
Genealogy
  Anthon: Narrative of settlement of G. C. Anthon in America, 149
  Bonner: Memoirs of Lenawee co., 397
  Burton: Mss., 8191
  Clarke: W. Hull, 708
  DePeyster: Miscellanies, 949
  Detroit tribune: [Scrapbook], 1491
  Emmons: Mss. for material on Beaubien family, 8041
  Farnsworth: Scrapbooks, 8396
  Joy: Mss., 8144
  McLean: Notes, 8454
  Michigan. State library: Finding list of works on, 5035, 5036
  Miscellaneous mss. for Brady genealogy, 8180
  —————— —. for Chew genealogy, 8172
  —————— —. for Hinckley genealogy, 8184
  Munroe (Monroe)—Burton: Mss., 8050
  Slocum: History of F. Slocum, 6256
  Vliet: History of early life and business interests of Leslie, Mich., 6769
  Wing estate: Inventory book, 8630
  See also Biographies; Biographical sketches; names of families
General A. S. Williams monument association
  [Minutes on death of J. L. Hudson], 1794
General hospital, Detroit
  Announcement, 1795
GENERAL LAWS
  Michigan. Laws, statutes, etc.: Index, 3879-3881
General motors co.
  Miller: W. C. Durant, 5449
Genesee county
  Beers & co.: Atlas, 7452
  Biographical history, 366
  Day: Atlas, 7453
  [Ellis]: History, 1597
  History, 2153
  Map, by U. S. Postoffice dept., 7454
  —— of counties of Genesee and Shiawassee, by Geil and Jones, 7455
  —— of Saginaw and Tuscola with part of, by D. A. Pettibone, 7555
  Petition of county commissioners for law for collection of certain tax, 1796
  Polk & co.: Directory, 5768
  Portrait and biographical record, 5830
  Wood: History of Genesee co., 7017
  See also Flint
Gentsch, W. J.
  Dictionary of Detroit, 1797
Geography
  Calkins: Suggestive outline in, for schools of Mich., 552
  Geography of Mich., 1798, 1799
  Miller: Geographical influences in settlement of Mich., 5447, 5448
  See also Michigan. Geography
Geology
  Allen: Contributions to Pre-Cambrian geology of northern Mich., and Wisconsin, 55
  Ann Arbor folio, by I. C. Russell and F. Leverett, 7760, 7761
  Bayley: Menominee iron-bearing district, 290
  Bradish: Memoir of D. Houghton, 424
  Calumet special map, by U. S. Geological survey, 7765
  Clements: Crystal Falls iron-bearing district, 710
  Cooper: Geological report on Bay co., 831
  Foster: Report on geology of Lake Superior land district, 1736, 1737
  Geological map of Mich., by Geological survey, 7369
  Geological society of America: A. Winchell, 1800
  Geological survey of Mich., by U. S. Geological survey, 7792
  Gordon. C. H.: Geological report on Sanilac co., 1828
  ———, W. C.: Geological section from Bessemer down Black River, 1831
  Grabau: Monroe formation of southern Mich., 1836
  ———: Stratigraphy of the Traverse group, 1837
  Gregory: Geological report on Arenac co., 1989, 1990

GEOLOGY—Continued

Grouped cross sections illustrating stratigraphical relations between Houghton and Keweenaw counties, by Mich. geological survey, 7778
Hobbs: Late glacial and post glacial uplift, 2177
Houghton: Mineral region of Lake Superior, 2213
————: Reports, 2214
[Hubbard, B.]: Geological survey, 2244
————, L. L.: Keweenaw point, 2251
Irving: Copper-bearing rocks of Lake Superior, 2341
Lane: Geological report on Huron co., 2599
——: ———— ——— — Isle Royale, 2600
——: Geology of lower Mich., 2601
——: Keweenaw fault, 2602
——: Keweenaw series, 2603
[——]: Limestones, 2604
——: Summary of surface geology, 2608
——: Water resources of Lower Peninsula, 2610
Leverett: Alcona co., 2722
————: Review of glacial geology of Southern Peninsula, 2726
————: Surface geology, 2727, 2728
Michigan. College of mines. Dept. of geology: Notes on rocks and minerals, 3256
————. Legislature. House. Committee on geological survey: Report of committee to whom was referred part of governor's message relating to geology, 4082
————. ————. ————. ———— ———— — ———— ————: Report in regard to survey and collection of specimens, 4083
Mining journal co.: 1st annual review of copper mining industry of Lake Superior, 5457
Montgomery: Glacial phenomena, 5473
Ralph: Along bowstring or south shore of Lake Superior, 5909, 5910
———: Lake Superior along south shore, 5907
Rominger: Geology of Lower Peninsula, 6013
————: Palaeozoic rocks, 6016
Russell: Geological reconnaissance along north shore of lakes Huron and Mich., 6050
Sherzer: Detroit folio, 6232
———: Geological report on Monroe co., 6233
———: ———— ———— — Wayne co., 6234
Sketch map showing geology about north shores of lakes Huron and Mich., by I. C. Russell, 7781
Surface geology: Bay co., by W. F. Cooper, 7762, 7763

GEOLOGY—Continued

Swineford: History and review of copper, iron, silver, slate and other interests of south shore of Lake Superior, 6447
U. S. Congress. House. Committee on public lands: Mineral lands—sale of, 6654
—. —. President: Message to 1st sess., 31st Cong., 6685
Van Hise: Geology, 6743
— ——: Marquette iron-bearing district, 6745
— ——: Menominee special folio, 6746
— ——: Preliminary report on Marquette iron-bearing district, 6744
Wadsworth: On relation of "Keweenawan series" to eastern sandstone in vicinity of Torch Lake, 6773
—————: Origin and mode of occurrence of Lake Superior copper deposits, 6774
—————: South trap range of Keweenawan series, 6776
Winchell, A.: Diagonal system of physical features, 6970
————, —.: Field studies in Archaean rocks, 6972
————, —.: Geology of Washtenaw co., 6973
————, —.: Grand Traverse region, 6974
————, —.: Mich., 6980
————, —.: Rectification of geological map of Mich., 6987
————, —.: Some indications of northward transportation of drift materials in Lower Peninsula, 6989
————, N. H.: Crucial points in geology of Lake Superior region, 6991
————, —. —.: Economic geology of region of Cheboygan and old Mackinac, 6992
See also Michigan. Geological survey; U. S. Geological survey.

George Washington Scripps, a memoir, 1801

George, W. S.
In memoriam, 2315

Georgia
Comptroller general
Miscellaneous mss., 8201
Legislature
[Michigan. Governor: Communication transmitting] report and resolutions relative to surplus revenue, 3592
————. ————: Special message transmitting preamble and joint resolutions, 3636

Georgian Bay
General chart of Lake Huron, by U. S. War dept., 7891

German-American seminary
Michigan. Legislature. House. Committee on public lands: Report on memorial for amendment to act granting swamp lands, 4155

GERMAN-AMERICANS, see Deutsch-Amerikanischer seminarverein
German literature
  Detroit. Public library: Katalog, 1313, 1314
———— Republican mass meeting
  Resolutions on state of union, 1802
Germans in Michigan
  Frank: Pionierjahre der familien Frank-Kerler, 1748
  Funfzig jahre Deutschen strebens, 1778
  Koch: Deutschen colonien in Saginaw flusses, 2566
  [Loehe]: Etwas über Deutsch-Lutherischen niederlassungen in grafschaft Saginaw, 2757
Gerrish, J.
  Journal, 8403
Geschichte der Deutschen Evang. Luth. Immanuels-gemeinde, 1803
Gettysburg, Battle of
  Harris: Mich. brigade of cavalry at, 2058
  Michigan. Gettysburg battle field commission: Mich. at Gettysburg, 3583
  Norton: Strong Vincent and his brigade at, 5572
  Trowbridge: Mss. for map of battle ground, 8158
  ————: Mich. troops in, 6592
———— cemetery, see Michigan. Commissioner of the Gettysburg cemetery
Ghent, Treaty of, 1815
  Sons of the American revolution. District of Columbia society: Battle fields of Maumee valley, 6334
Gibault, P.
  Law: Colonial history of Vincennes, 2689
Gibbons, G. C.
  International waterways commission: Report, 2330
————, R.
  Addresses and letters, 8404
Gibbs, H.
  Michigan. Legislature. House. Committee on the judiciary: Report relative to petition for simplification of laws, 4131
———, M. V.
  Glimpses of early Mich. life in and about Kalamazoo, 1804
Gibralter and flat rock co.
  Copy of deed and articles of association, 1805
Gibson, E. and E.
  Mss., 8117, 8118, 8159
———, J.
  Mss., 8109, 8117, 8118, 8159
[Gilbert, A. B.]
  Devil's kitchen, 1806
  Tale of two cities, 1807
———, C.
  Detroit. City plan and improvement commission: Preliminary plan of Detroit, 1096
——— -, T. D., memorial
  Ceremonies at dedication of, 627
GILLAM, S. E.
  Effect on health of overflowed lands, 1808
Gillespie, G. D.
  Manual, 1809
Gillett, M. S.
  Howard: Memorial respecting swamp lands, 2220
Gillman, H.
  Certain characteristics pertaining to ancient man in Mich., 1810
  Mound builders, 1811
Giltner, W.
  Infectious abortion in cattle, 1812, 1813
  Studies of agglutination reactions in hog cholera, 1814, 1815
——— vs. Gorham
  Emmons: Mss., 8041
  Wilkins: Mss., 8103
Girls industrial school, see Michigan. State industrial home for girls
Glacial epoch
  Hobbs: Late glacial and post glacial uplift, 2177
  Leverett: Review of glacial geology of Southern Peninsula, 2726
  Montgomery: Glacial phenomena, 5473
Gladden, H. P.
  Taft: Bush fruits, 6454
  ———: Eighty new strawberries, 6455
  ———: Fruits at agricultural college, 6459
  ———: Potatoes, 6473
  ———: Raspberries, 6475
  ———: Small fruit notes, 6477, 6478
  ———: Small fruit trials at college, 6480
  ———: Strawberries, 6482
  ———: Strawberries and raspberries, 6483
  ———: Strawberry culture, 6484
  ———: Strawberry notes for 1899, 6485
  ———: Vegetables, old and new, 6493
Gladstone
  Charter, 1816
  Polk & co.: Directory, 5767
Gladwin, H.
  Mss., 1817
Gladwin county
  Map of Gladwin and Clare co. lands, 7854
Glazier, W.
  Baker: Sources of Mississippi, 200
Gleason, H. A.
  Adams: Ecological survey of Isle Royale; Ecological relation of invertibrate fauna by H. A. Gleason, 7
Glen Lake
  Day: Glen Lake region, 935
Glenn, T. H.
  Michigan. Constitutional convention: Journal, 3320
Glimpses of Detroit, 1818
Glover, L. H.
  Twentieth century history of Cass co., 1819
Godfrey, S. C.
  Detroit River tunnel, 1820
Godfroy, G.
  Mss., 8049

GODFROY, J. J.
Mss., 8049
———, P.
Mss., 8049
Godwin, G. C.
Michigan. State board of health: Opinions relative to duties and compensation of health officer, 4902
Goff, J. H.
Michigan. Lake Superior canal semicentennial celebration commission: St. Mary's Falls canal, 3832
Gogebic
Milwaukee, lake shore and western railway co.: Gogebic and other resorts, 5455
Gogebic county
Evans: Collection of amphibians and reptiles from, 1620
Inspector of mines: Annual report, 1821
Weston: Plat book, 7456
Goldberger, J.
Report of investigation of diphtheria carriers, 1822
Goodale, G. P.
Dinner, 1517
———, H. J.
Survey of Fort Street from Detroit to Dearbornville road, 8405
Goode, G. B.
Sons of the American revolution. District of Columbia society: Battle fields of Maumee valley, 6334
Good government league, Grand Rapids
"Bucket shop department store," 1823
Ellis as a juggler, 1824
Record on which G. E. Ellis asks nomination for governor, 1825
Repudiated by Republicans, 1826
Goodman, J. B.
Lands in Delta co., 7855
Good roads' association, see Michigan. State good roads' association
Goodrich, L. A.
Water supply of Hillsdale, 1827
Goodrich
Polk & co.: Directory, 5768
Good templars, see Independent order of good templars
Gordon, C. H.
Geological report on Sanilac co., 1828
Report on Port Huron oil field, 1829
Wave cutting on west shore of Lake Huron, 1830
———, J. W.
Michigan. Governor: Special message [of Acting Gov. Gordon], 3630-3632
———, N. K.
Helm: Fort Dearborn massacre, 2101
———, W. C.
Geological section from Bessemer down Black River, 1831
Gore, V. M.
Michigan. Constitutional convention: Report of committee on submission, 3327
GORTON, L. G.
Michigan. Agricultural college: Bread, brawn, brain, 2987
Goss, D.
History of Grand Rapids, 1832
Published material relating to history of Grand Rapids, 1833
Gould, H. P.
Map of Ann Arbor, 7610
Government
Government of city of Detroit and Wayne co., 1834
Government of village of Caro, 1835
Ownership
[Cooley]: On government ownership, 814
Publications
Michigan. State library: Catalogue, 5029
See also Michigan. Politics and government
Grabau, A. W.
[Lane]: Limestones, 2604
Monroe formation, 1836
Stratigraphy of the Traverse group, 1837
Grace hospital, Detroit
Annual report, 1838
Grace hospital, 1839
Grafting
Hood: Laboratory manual, 2199
Graham, A. A.
Legislation in Northwest Territory, 1840
Mendenhall: Boundary line between Ohio and Indiana, 2950
Graham and McKenzie
Journal "B", 8406
Ledger "B", 8407
——— and Morton transportation co.
Graham and Morton line, 1841
Grain
Damage
Geismar: Grasshoppers, 1793
Prices and shipment
Bissell and co.: Mss., 8060, 8099, 8100, 8102, 8111
Grand army of the republic
Dept. of Michigan
[Chamberlin]: Memoirs, Detroit post no. 384, 630
Detroit post, no. 384
Detroit post, 1846
Greetings, 1842
Journal, 1843
Manual, 1844
[Souvenir of Lansing], 1845
Detroit tribune: Veteran soldiers' and sailors' handbook, 1492
Veteran publishing co.: The veteran, 6761
See also Soldiers
Grand Blanc
Polk & co.: Directory, 5768

GRAND HAVEN
Charter, 1847, 1848
Commercial association
Grand Haven, 1849
Directory
Polk, Murphy & co.: Directory, 5790
Maps
Map, by S. S. Montague, 7705
Harbor, by U. S. War dept., 7942
Presbyterian Sunday school
History, 2166
Public school library
Catalogue, 1850, 1851

Grand Island
Chart of island and its approaches, by U. S. War dept., 7873
—— ——— forest and game preserve, 1852

Grand Rapids
Altenbrandt: Men behind guns in making greater Grand Rapids, 78
Annual reports, 1853
Armenian colony
Kassabian: Armenians in Grand Rapids and western Mich., 2465
Art collection
Grand Rapids. Public library: Catalogue, 1919
Assessment rolls
Grand Rapids. Index, 1905
Association of commerce
Directory of social welfare orgainzations, 1854
Grand Rapids progress, 1954
Manufacturers' directory, 1855
Statistical record, 1856, 1857
Atlas
Polk & co's. illustrated historical atlas, 7495
See also Grand Rapids. Maps
Bailey's gazeteer and directory, including sketch and business directory, 186
Baker: City of Grand Rapids, 201
[Ball]: John Ball, 209
Baptist church, see Grand Rapids. Fountain Street Baptist church
Benevolent association
Moerdyk: History, 5465
Biographical
City of Grand Rapids, 680
Board of education
Annual catalogue, 1858
Annual report, 1859
Centennial celebration of inauguration of 1st President of U. S., 1860
Grand Rapids school law, 1861
Manual, 1862
Proceedings, 1863
Robinson and Campau: Complete specifications for new central high school, 5995
School survey, 1864
——— — health and poor commissioners
Annual report, 1865
Monthly bulletin, 1866
Survey of 5 years work at tuberculosis sanatorium, 1867

GRAND RAPIDS—Continued
——— — police and fire commissioners
Annual report, 1868
Code of rules and regulations of fire dept., 1869
Manual of police dept., 1870
Standing rules, 1871
See also Grand Rapids. Fire dept.
——— — public works
Annual report, 1872
Grand Rapids water works, 1873
——— — trade
Act of incorporation, 1874
Dickinson brothers: Grand Rapids, 1505
Grand Rapids as it is, 1875-1877
[Souvenir], 1878
[Thoits]: Souvenir; Grand Rapids board of trade outing, 6520
Building inspector
Davidson: Building inspector's handbook, 925
Canal
Kent co. Board of supervisors: Petition for extension of time for construction of canal around Grand Rapids, 2521
—— —. ——— — ————: Resolutions requesting select committee on Grand Rapids canal to visit and examine canal, 2523
Kingsbury: Memorial asking certain legislation on canal, 2538
[Michigan. Commissioners on the Grand Rapids canal]: Communication, 3284
————. Legislature. House. Committee on public lands: Report concerning canal lands, 4156
————. —————. ———. Select committee: Report of committee to whom was referred bill to provide for construction of canal around Grand Rapids, 4316
————. —————. ———. ——— ————: Report relative to, 4317
————. State land office: Communication in accordance with resolution relative to money paid contractor, 4991
Centennial celebration
Centennial anniversary of American independence, 624
Charities
Booth: Survey of charities and philanthropies, 399
Charity organization society
Annual report, 646
Charters
Charter, 1881-1892
See also Grand Rapids. Ordinances
Christian Reformed church
Gedenkboek van het vijftigjarig jubileum, 1791
Churches
Moerdyk: History, 5465

GRAND RAPIDS—Continued

- City engineer, see Grand Rapids. Board of public works
- —— government
  - Michigan. Political science association: City government, 4792
- —— hall, see Grand Rapids. Inaugural proceedings
- —— plan commission
  - Brunner: Preliminary report for city plan, 478
- —— surveyor
  - Report on additional water supply, 1893
- Civic club
  - Annual report, 684
  - Civic affairs, 683
  - —— news, 687
  - Constitution, 685
  - Report on sheriff's office, 686
- Colonial club
  - [Colonial club], 745
- Commercial credit co.
  - Tax list, 758
- Commerce, see Grand Rapids. Association of commerce
- Common council
  - Manual, 1894
  - Proceedings, 1895
  - See also Grand Rapids. Charters; Grand Rapids. Ordinances, etc.
- Congregational church
  - Grand Rapids receipt book, 1896
  - Manual, 1897
  - See also Grand Rapids. Park Congregational church
- Dau's blue book, 913
- De Molay commandery, see De Molay, Order of
- Description
  - Business album, 535
  - [Dean-Hicks printing co.]: Grand Rapids, Mich., 938
  - Dillenback: Grand Rapids in 1874, 1513
  - ————: Grand Rapids annual for 1875-6, 1514
  - [Fisher]: Grand Rapids illustrated, 1699
  - Grand Rapids. Board of trade: [Souvenir], 1878
  - —— ————. Herald: Grand Rapids illustrated, 1952
  - Illustrated industrial souvenir, 2276
  - Shaw: Industries, 6210
  - Souvenir, 6355
  - Teevin: Handbook and guide, 6512
  - True: Official city guide, 6597
  - White: Grand Rapids, 6894
  - Wittemann: Grand Rapids, 7002
- Deutschen Evang. Luth. Immanuelsgemeinde
  - Geschichte, 1803
- Diocese of
  - Report of subscriptions for education of seminarians, 5948

GRAND RAPIDS—Continued

- Directories
  - Bards and co's. business directory, 226
  - Burch, Polk & co.: Grand Rapids directory, 496
  - Classified business directory, 709
  - Directory, 1520, 1521
  - French: Grand Rapids city directory, 1766
  - Grand Rapids. Association of commerce: Manufacturers' directory, 1855
  - [Holland]: Grand Rapids city directory, 2185
  - Kolts: City guide and directory, 2577
  - Murphy & co.: Grand Rapids city and Kent co. directory, 5509
  - Polk & co.: Directory, 5769
  - Polk, Murphy and co.: Directory, 5790
  - Robinson: Business directory, 5994
  - White printing co.: Street and railway service directory, 6904
  - Williams: Grand Rapids directory, 6941
- District nursing association
  - Annual report, 1522
- Eagle
  - 45th anniversary, 1949
- Education, see Grand Rapids. Board of education
- Federation of Catholic parishes
  - Grand Rapids. Public library: List of books by Catholic authors, 1923
- ———— — women's clubs
  - Year book, 1898
- Fire dept.
  - Wilson: History, 6963
  - See also Grand Rapids. Board of police and fire commissioners
- First Reformed church
  - Moerdyk: History, 5466
- Flora
  - Cole: Grand Rapids flora, 737
- Fountain Street Baptist church. Jackson circle
  - Choice collection of tested recipes, 1899
- Furniture co.
  - House and its plenishings, 1900
- Furniture industry, see Furniture industry and trade
- Furniture record, 1950
- Furniture strike
  - Flaherty: History, 1705
- [Gilbert]: Tale of two cities, 1807
- Gilbert, Thomas D., memorial
  - Ceremonies at dedication, 627
- Good government league
  - "Bucket shop dept. store," 1823
  - Ellis as a juggler, 1824
  - Record on which G. E. Ellis asks nomination for governor, 1825
  - Repudiated by Republicans, 1826
- Government, see Grand Rapids. City government

GRAND RAPIDS—Continued
- Grand Rapids and Indiana railroad
  - Agricultural and industrial dept.
    - Acres of opportunities, 1945
  - Allegan co. Citizens: Petition to confer public lands on G. R. & I. R. R., 51
  - By-laws, 1935
  - Communication transmitting statement of condition of road, 1936
  - Emmons: Mss., 8041, 8078, 8080, 8105
  - Exhibit of condition and affairs, 1937
  - Guide to lands for sale, 1938
  - Joy: Mss., 8136
  - Legislation conferring land grant, 1939
  - Mackinac, 1940
  - Map of land grant, by G. W. & C. B. Colton & co., 7856
  - —— — Michigan showing location of land grant to railroad, 7328
  - [—— —] summer resort section of north Mich., 7388
  - Memorial for portion of lands donated by Congress, 1941
  - Michigan in summer, 1942
  - Passenger dept.
    - Guide to haunts of "little fishes," 1946
    - Guide to resorts, 1947
    - Michigan in summer, 1948
  - Report, 1943
  - St. Joseph co. Citizens: Petition praying legislature to confer on Grand Rapids and Indiana railroad co. portion of lands granted to aid construction of railroads, 6117
  - Statement of condition and affairs, 1944
- Grant club
  - Parrish: Speech before Grant club, 5654
- Health, see Grand Rapids. Board of health and poor commissioners
- Herald
  - Almanac, 1951
  - Grand Rapids illustrated, 1952
- High school
  - [Annuals], 1901
  - Pioneer; a weekly newspaper, 5745
  - Robinson and Campau: Complete speeifications for, 5995
- Historical society
  - Constitution, 1902
  - Publications, 1903
- History
  - Baxter: History of Grand Rapids, 263
  - Dillenback: Grand Rapids in 1874, 1513
  - Everett: Memorials of Grand River valley, 1624
  - ———: Scraps from history, 1625
  - French: Grand Rapids directory, 1766
  - Goss: History of Grand Rapids, 1832
  - ——: Published material and original sources, 1833
  - History and directory of Kent co., containing history of, 2142

GRAND RAPIDS—Continued
  - Holt: Story of Grand Rapids, 2196
  - Tuttle: History, 6608
  - Widdicomb: Address at banquet in commemoration of semi-centennial anniversary of incorporation, 6920
- Hospitals
  - Butterworth hospital: Annual report, 544
  - See also St. Mark's hospital
- Inaugural proceedings at opening of city hall, 1904
- Index to assessment rolls, 1905
- Industries
  - Dickinson brothers: Grand Rapids, 1505
  - Howell: Industrial advantages of Grand Rapids, 2227
  - Land: Historical and descriptive review, 2595
- Junior high school
  - Searchlight, 6195
- Kindergarten association
  - Annual report, 1906
- Knights of Columbus, see Knights of Columbus
- Labor union, see Grand Rapids. Trades' and labor council
- Ladies' literary club
  - Announcement, 1907
  - Stinchcomb: History of, 6409
- Lagrave St. Chr. Ref. church
  - Beets: Thinking on God's loving-kindness; souvenir of quarter-centennial celebration, 335
- Maps
  - [Birds eye view], by Cole & Demar, 7713
  - City of Grand Rapids, by Collar & Greiner, 7712
  - —— — —— ——, by F. W. Stevens, 7715
  - Ellsworth's addition, by W. L. Coffinberry, 7724
  - Grand Rapids, by G. F. Cram, 7716
  - —— ——, by A. Ruger, 7709
  - —— ——, by Sanborn map and publishing co., 7714
  - —— ——, by C. Shober & co., 7710
  - Map, 7711
  - ——, by R. L. Polk & co., 7720
  - ——, by Rumsey and Works, 7722
  - —— showing trees on [public] library site, 7717
  - [—— showing] location of building east of [public] library site, 7718
  - [——] showing location of [public] library site, 7719
  - Nellist's map of one day trips around, 7723
  - Plat, by J. Almy, 7706
  - ——, by C. Barnes, 7707
  - —— of subdivision known as Mission Reserve and constituting part of 5th ward, by J. Almy, 7708
  - R. L. Polk & co's. map, 7721
  - See also Grand Rapids. Atlas

GRAND RAPIDS—Continued
- May: State of Mich. Supreme court; Mary May vs. city of Grand Rapids, 2931
- Mayor
  - Message, 1908
  - Weston: Documents and addresses, 6883
- Mich. trust co., see Mich. trust co.
- National bank
  - Mich. bank directory, 5363
  - Old National bank: Dictionary of Grand Rapids, 5592
  - —— ———— ——: General letter on trade conditions, 5593
- Ordinances, etc.
  - Ordinances, 1909-1913
  - See also Grand Rapids. Charters
- Park Congregational church
  - Immen: Story of Park Congregational church, 2280
- Peninsular club
  - Peninsular club: [Constitution, by-laws and list of members], 5694
  - ———— ——: [Manual], 5695
- Plaster and its uses, 1953
- Playgrounds
  - Digest of cooperative work for public playgrounds, 1510
- Police, see Grand Rapids. Board of police and fire commissioners
- Politics, see Grand Rapids. Good government league
- Poor, see Grand Rapids. Board of health and poor commissioners
- Postal service
  - U. S. Postoffice dept.: Scheme of city distribution, 6680
- Postoffice
  - Guide, 1914
- Press club
  - Constitution, 1915
- Progress, 1954
- Public library
  - Annual report, 1917
  - Bulletin, 1916, 1918
  - Catalogue, 1919, 1920
  - [Invitation for dedication], 1921
  - Library and schools, 1922
  - List of books by Catholic authors, 1923
  - Little journey in Ryerson library, 1924
- Public playgrounds, see Grand Rapids. Playgrounds
- ——— school library
  - Catalogue, 1925-1931
- ——— welfare commission
  - Report, 1932
- ——— works, see Grand Rapids. Board of public works
- Quadrangle map, see Quadrangle maps
- Ryerson public library, see Grand Rapids. Public library
- St. Mark's hospital, see St. Mark's hospital

GRAND RAPIDS—Continued
- Sanitary affairs
  - Michigan. State board of health: Special reports relative to communicable and preventable diseases, also constitution of sanitary association, 4930
  - See also Grand Rapids. Board of health and poor commissioners
- Schools
  - [Judd]: School survey, 2430
  - See also Grand Rapids. Board of education; Grand Rapids. High School; Grand Rapids. Kindergarten association
- Semi-centennial anniversary
  - Widdicomb: Address in commemoration of, 6920
- Shinkman: 240 Schachaufgaben in, 6236
- Social welfare organizations
  - Grand Rapids. Association of commerce: Directory, 1854
- Society blue book, 1955
- Sophie de Marsac Campau chapter, D. A. R.
  - Program, 920
  - Year book, 921
- Statistics, see Grand Rapids. Association of commerce
- Superior court
  - Calendar, 548
  - Dunham: Superior court, 8380
- Telephone directory
  - Citizens telephone co.: Grand Rapids directory, 678
- [Tower]: Builders of greater Grand Rapids, 6560
- Township
  - Catalogue of school district no. 15, 1956
- Trade, see Grand Rapids. Board of trade
- Trades' and labor council
  - Labor day souvenir, 1933
- Turner: Statement before committee on public lands, 6604
- Veterinary college
  - Prospectus, 1957
- Vice committee of forty-one
  - Report, 1934
- Water works, see Grand Rapids. Board of public works
- Welfare commission, see Grand Rapids. Public welfare commission
- Whist club
  - [The members; the contests], 6893
- Williams: Friendly fellows of furniture town, 6946
- Women's clubs, see Grand Rapids. Federation of women's clubs

Grand Pointe summer resort
- Souvenir, 6354

Grand River
- Harbor at Grand Haven, by U. S. War dept., 7942
- Map of drainage basin, 7378
- —— of mouth, 7973

GRAND RIVER—Continued
Michigan. Board of internal improvement: Report in compliance with resolution of senate, 3201
———. Legislature. House. Committee on internal improvement: Report of committee to whom was referred bill to improve Grand River, 4102
———. ———. ———. Committee on public lands: Report of committee to whom was referred petition asking improvement of school section upon which capitol is located, 4157
———. ———. ———. Committee on roads and bridges: Report [relative to right of E. Ingersoll to keep ferry across], 4223
———. ———. ———. Select committee: Report relative to improvement, 4318
River and flood service, by U. S. Weather bureau, 7972
U. S. War dept.: Survey of Grand River, 6699
See also Grand Rapids canal
—— —— road
Michigan. Legislature: Memorial and resolutions, 3958
—— —— valley
Everett: Memorials, 1624
Richmond: Fur traders of, 5976
Wadsworth: Mss., 8177
Grand Traverse Bay
[Detroit and Cleveland steam navigation co.]: Omena resort, 1402
Northeast end of Lake Mich., by U. S. War dept., 7899
—— —— college
Benzonia college: Catalogue, 350
—— —— county
Board of supervisors
Proceedings, 1958
Buckley and Douglas lumber co.: Few facts about farm and fruit lands, 482
Hayes: Atlas, 7457
Officers, 1959
Polk & co.: Directory, 5786
Pond & co.: New atlas and directory, 7458
Sprague: History, 6369
Teacher's directory, 1960
Traverse region, 6580
—— —— disease
Smith: Grand Traverse disease, 6276
—— —— region
Leach: History, 2700
Map, by H. G. Rothwell, 7379
Michigan. Legislature. Senate. Committee on agriculture and public instruction: Report of committee to whom was referred bill to establish branch of agricultural college in, 4436
Winchell: Grand Traverse region, 6974

GRAND TRUNK RAILWAY Co.
Detroit. Recorder's court: Petition for separation of grades, 1338
Emmons: Mss., 8078
Grand Trunk railway, 1961
Joy: Mss., 8136
Passenger dept.
Mineral bath city, Mount Clemens, 1964
Summer playgrounds, 1962
——— resorts, 1963
Grandville industrial association
Grandville, 1965
Grange, E. A. A.
Diseases of farm animals, 1966
Experimental work among cattle, 1967
Experimental work among horses, 1968
Foot-rot in sheep, 1969
Observations on disease affecting eyes of sheep, 1970
Tuberculosis in cattle, 1971
Grange aid association, Battle Creek
[Prospectus], 1972
Granger, B. F.
Progress of radicalism, 1973
Granges
National grange in Mich.: Souvenir, 5529
See also Michigan. State grange; National grange in Mich.
Grant, C. B.
Michigan. University. Defalcation in chemical laboratory, 5227
Grant club
Parrish: Speech before Grant club at Grand Rapids, 5654
Grapes
Shear: Grape spraying experiments, 6225
Taft: Raspberries, blackberries, grapes, 6475
Grasses
Adair: Autumn catalogue, 4
Beal: Replies about, 309
——: Ribgrass, 310
——: Study of seeds of timothy and red clover, 315
Grasshoppers
Geismar: Grasshoppers, 1793
Gratiot county
Avery: Overflowed lands on Maple River, 165
County commissioner
Handbook, 1974
Farm journal directory, 1641
Map of counties of Clinton and Gratiot, by Geil & Harley, 7446
——, by U. S. Postoffice dept., 7460
National publishing co.: Imperial atlas, 7459
Portrait and biographical album, 5831
Tucker: Gratiot co., 6600
Graves, B. F.
I. P. Christiancy, 1975
Mss., 8197

GRAVES, B. F.—Continued
Michigan. Legislature. Senate. Committee on privileges and elections: Report of committee to whom was referred petition that E. Hussey be excluded from seat in senate, 4628
Gravier, G.
Découvertes et établissements de Cavelier de La Salle, 1976
Gray, A.
Communication in defense of audits of dept. of public works, Detroit, 1977
——, A. B.
Stockton: Report communicating report of superintendent of mineral lands on Lake Superior, 6415
——, O. W. and son
Railroad map of Mich., 7287
——, W. J.
Mss., 8057, 8059, 8069, 8087, 8089, 8091, 8093, 8095, 8097, 8099, 8124
See also Willcox, Sheldon and Gray
Grayling
Michigan. Governor: To legislature relative to establishing permanent encampment and maneuvering grounds, 3781
Great Britain
Admiralty. Hydrographic office
Lake Mich., 7901
Foreign relations
McLaughlin: Western posts, 2852
Laws, statutes, etc.
Bunker: Negotiable instruments law, 492
—— Lakes and Great Lakes region
Arundel: Motor boat boys on, 158
Barrows: Surface water supply, 232
Beers: History of, 334
Blair: Indian tribes of region, 382
Blanchard: Discovery and conquests of Northwest, including incidents of pioneer life in region of, 386
Brown: Western gazetteer, 472
Butterfield: History of Brulé's discoveries, 541
Callahan: Neutrality of American lakes, 553
Campbell: Radisson's journal, 565
Channing: Story of, 642
Col. Clayton's lake tour, 727
Colton: Tour, 748
Cummins: Journal written during tour of, 881
Curwood: Great Lakes, 885
Disturnell: Great Lakes, 1523
————: Trip through lakes, 1526
Ensign, Bridgman and Fanning's lake and river guide, 1602
Flaherty: Brief sketch of earliest history, 1704
Fountain: Great Northwest, 1739
Gravier: Découvertes et éstablissements de Cavelier de La Salle, 1976
Hall: Marine disasters, 2014
Hallet: Trial by fire, 2017

GREAT LAKES AND GREAT LAKES REGION—Continued
Harrington: Currents, 2053, 2054
Hodge: Papers concerning early navigation, 2179
Houston: Annual report upon improvement of harbors, 2218
Jennings: List of rotatoria of Great Lakes, 2400
————: Rotatoria of U. S., 2401
Johnson: Highways and byways, 2405
Judson: Myths and legends, 2431
Kane: Myths and legends, 2464
Laflin & co.: Need of national law to regulate size of mesh of nets on Great Lakes, 2586
Lakes of North America, 2591
Lanman: History of Mich., civil and topographical, 2619
La Salle: Relation of discoveries and voyages, 2686
Law: Among lighthouses of Great Lakes, 2690
——: Deeds of valor, 2691
——: Heroes of Great Lakes, 2692
——: Life savers in Great Lakes, 2693
Leverett: Pleistocene of Indiana and Mich., 2725
Long: Marine review course finder, 2758
McKenney: Sketches of tour to lakes, 2835
Maps
Accurate map of British Empire and North America, 7097
———— —— — North America, by E. Bowen, 7103
Amérique septentrionale, par le Sr. d'Anville, 7088
———— ————, par H. Jaillot, 7079
———— ————, par N. Sanson, 7073
———— ————, par le Sr. Robert de Vaugondy, 7089
Amplissimae regionis Mississipi, [by] J. B. Homann, 7086
British colonies in North America, 7106
British governments in North America agreeable to proclamation of 1763, 7098
Le Canada faict par le Sr. de Champlain, suiuant les memoires de P. du Val, 7076
Canada, Louisiane et terres Angloises, par le Sr. d'Anville, 7091
Le Canada, ou Nouvelle France, par N. Sanson, 7074
Carte de l'Amérique septentrionale depuis La Baye d'Hudson jusqu' au Mississipi, 7110
Carte du Canada, 7075, 7081
Carte du Canada ou de la Nouvelle France, par G. Delisle, 7100
Carte tres curieuse de la Mer du Sud [by Nicolas de Fer?], 7085

GREAT LAKES AND GREAT LAKES REGION—Continued
Carte des Etats-Unis de l'Amérique septentrionale, par M. Brion de la Tour, 7109
Carte générale des colonies Angloises dans l'Amerique septentrionale, 7114
Carte de Nouvelle France [by Nicolas de Fer?], 7084
Carte des pays sous nom Canada, par Sr. R. de Vaugondy, 7090
Carte des possessions Angloises & Françoises du continent de l'Amérique septentrionale, 7093
Charte über die XIII Vereinigte Staaten von Nord-America, entworfen durch F. L. Güssefeld, 7115
Exact map of five Great Lakes, 7126
Map of British dominions in North America, by P. Bell, 7102
—— — British Empire in North America, by S. Dunn, 7105
—— — British and French dominions in North America, by Jno. Mitchell, 7095
—— — five Great Lakes, 7879
—— — New France, by H. Moll, 7083
—— — portion of North America from Great Lakes to Gulf of Mexico, 7077
—— — U. S., by I. Fielding, 7112
—— — northwest parts of U. S., by J. Fitch, 7117
New and accurate map of British dominions in America, by T. Kitchin, 7101
New map of English Empire in America, by R. Morden, 7080
— —— — north parts of America, by H. Moll, 7087
— and correct map of North America, corrected from original materials of Gov. Pownall, 7107
— map of North America from latest discoveries, 7099
— —— — North America, corrected from original materials of Gov. Pownall, 7113
— —— — part of U. S. exhibiting western territory; also lakes, by J. Cary, 7130, 7131
— —— — western parts of Va., Pa., Md. and N. Car., by T. Hutchins, 7108
North America, by W. Berry, 7078
—— ————, by J. Senex, 7082
—— ———— from French of Mr. d'Anville, by T. Jefferys, 7094
—— ———— from French of Mr. d'Anville, 7104
—— ———— agreeable to most approved maps and charts, by T. Conder, 7111
Partie de l'Amérique septentrionale, par Sr. R. de Vaugondy, 7096
Partie occidentale de Nouvelle France ou du Canada, par Mr. Bellin, 7092

GREAT LAKES AND GREAT LAKES REGION—Continued
State boundary lines in Great Lakes, 7880
U. S. according to definitive treaty of peace, 1783, by W. McMurray, 7116
See also Lake Erie; Lake Huron; Lake Mich.; Lake St. Clair; Lake Superior; Michigan. Maps; Northwest. Maps
Marine history, 2879
Marine review publishing co.: Time and distance tables for lake ships, 2880
Marsh: On cyclopidae and calanidae, 2896
Marshall: Building and voyage of the Griffon, 2906
Michigan. Historical society: Historical and scientific sketches of Mich., 3807
————. Lake Superior semi-centennial celebration commission: St. Mary's Falls canal, 3832
————. Legislature. House. Committee on harbors: Report of committee to whom was referred so much of governor's message as relates to lake harbors and navigation, 4085
Mills: Our inland seas, 5453
Neill: Discovery along Great Lakes, 5535
Ossoli: Summer on the lakes, 5615
[Reynolds]: Standard guide, 5958
Sadler: Some points in connection with shipbuilding, 6063
Scenes on Lake Huron, 6151
Schoolcraft: Narrative journal of travels through northwestern regions, 6173
—————: Summary narrative of expedition to sources of Mississippi, 6182
Scott: New coast pilot, 6189
Smith: Fisheries of Great Lakes, 6306
Spears: Trip on Great Lakes, 6360
Stewart: Memorial asking grant of land for "North shore line", 6408
Strickland: Old Mackinaw, 6431
Thayer: From Vermont to Lake Superior, 6517
Trimble: Lake pilot's handbook, 6584
U. S. Dept. of commerce and labor. Steamboat inspection service: Pilot rules for Great Lakes, 6663
U. S. Lake survey: Annual report upon survey of northern and northwestern lakes, 6673
—. —. — ———: [Catalogue of charts], 6674
Water-way tales, 6815, 6816
Whiting: Remarks on supposed tides and periodical rise and fall of North American lakes, 6908
Winchell: Isothermals of lake region, 6975
Woolson: Castle Nowhere, 7038

Great northern Portland cement co.
[Prospectus], 1978

GREAT RAILROAD CONSPIRACY CASE
- Detroit. Fire dept.: Memorial of J. A. Van Dyke, 1137
- Fitch: Report, 1702
- Lilibridge: Report of trial, 2743
- Seward: Argument in defence of A. F. Fitch, 6203
- Van Dyke: Argument in railroad conspiracy case, 6737

Great union fair of Mich.
- Officers, rules, etc., 1979

Great war
- Detroit and Mackinac railroad co.: Helping to feed and clothe America, 1405
- Michigan. Governor: Gov. Sleeper calling attention to draft registration regulations, 3788
- ————. Laws, statutes, etc.: Laws, relative to military affairs, 3910

Great western railway
- Appeal showing necessity of early completion, 150
- D. B. Cooke & co's. guide, 8006
- Emmons: Mss., 8078, 8080
- Romeyn and Lockwood and Clarke: Mss., 8046
- Toms: Mss., 8097

Greek letter men
- Maxwell: Greek letter men of Mich., 2925

Greeley, A.
- Plan of private claims in Mich. Territory, 7860

Green, S. M.
- Michigan. Dept. of state: Supplement to Green's treatise on townships, 3527
- ———— practice, 1980
- Proposed revision of general statutes, 1981
- Revised statutes, 1982
- Treatise on townships, 1983, 1984

———, T. K.
- Michigan. Legislature. Senate. Select committee: Report of committee to whom was referred memorial for grant of lands in consideration of monies overpaid on purchase of primary school lands, 4718

Green Bay
- Coast chart no. 1 north end of Green Bay, by U. S. War dept., 7883
- Entrance, by U. S. War dept., 7884
- North end, by U. S. War dept., 7881
- North end of Lake Mich., by U. S. War dept., 7900, 7903
- South end, by U. S. War dept., 7882
- U. S. Lake survey: Lake Mich. and Green Bay, 6676

Greenfield
- Robinson: Atlas of Detroit and suburbs, 7646

Greening nursery co., Monroe
- Fortune in fruit farming, 1985

Greenleaf, J.
- Mich., 7197

GREENLY, W. L.
- [Michigan. Governor: Communication transmitting report of disbursements under appropriation for Mexican war], 3651

Greenville
- Charter, 1986, 1987
- Fox: Sewerage, 1743
- Mulhern: Water supply, 5499

Greenville, Treaty of, 1795
- Wilson: Peace of Mad Anthony, 6964
- ———: Treaty of Greenville, 6965

Gregory, J. M.
- Michigan. Dept. of public instruction: school funds and laws, 3427
- Relations of normal school to school systems, 1988

————, W. M.
- Geological report on Arenac co., 1989
- Preliminary report on Arenac co. and parts of Ogemaw, Iosco and Alcona cos., 1990

Grenell, J.
- Michigan. Commission of inquiry on minimum wage legislation for women: Report, 3262

———, Z.
- Trowbridge: Pioneer days, 6594

Greusel, John H.
- Story of anti-ripper candidate, 1991

————, Joseph
- Gen. A. S. Williams, 1992

Griffin, C.
- Miscellaneous mss., 8176

Griffon
- Marshall: Building and voyage, 2906
- Remington: Ship-yard of Griffon, 5947

Grimsley, G. P.
- Gypsum of Mich., 1993

Gross, I.
- Map of Lapeer co., 7505

———, I. M.
- Map of Allegan co., 7409

Grosse Ile
- Dau's blue book, 913
- Potawatomi Indians: Deeds, 8519
- Women's improvement association of Grosse Ile: Treaty tree and memorial tablet, 7015

Grosse Pointe
- Dau's blue book, 913
- [Hall]: Grosse Pointe, 2016
- New map of Detroit and suburbs, by S. Farmer & co., 7681, 7685
- Naming of Lake St. Clair, 1994
- Sauer: Standard guide and directory, 6140
- Quadrangle map, see Quadrangle maps

Grosse Pointe Farms
- Map, from map by T. Campau & son, 7725

Grove, C.
- Plan for better education through free newspapers, 1995

GROVER, F. R.
Brief history of Les Cheneaux Islands, 1996
Guaranteed securities corporation of Detroit, 1997
Guaranty trust co.
Your duty as stockholder, 1998
[**Guffin, J. T.**]
Report of hearing on school book legislation, 1999
Gunn, J. A.
Memorial sketches of Dr. M. Gunn, 2000
———, M.
Gunn: Memorial sketches, 2000
Gussefeld, F. L.
Charte über die XIII Vereinigte Staaten von Nord-America, 7115
[**Guyot, A. H.**]
East central states, special geography of Ohio, Ind., Ill. and Mich., 2001
Geography of Mich., 2002
Gypsum
Grand Rapids plaster and its uses, 1953
Grimsley: Gypsum of Mich., 1993

Hachtel, F. W.
Goldberger: Report on investigation of diphtheria carriers, 1822
Hackley, C. H.
Lincoln, Grant, Sherman, Farragut, 2744
Patton: Grant, Sherman, Farragut, Lincoln, 5675
Hackley art gallery
Aesthetics, 2003
Annual report, 2004
Catalogue of inaugural exhibition, 2005
Pattison: Opening, 5673
Wyer: Art museum, 7055
——— public library
Dedication, 2006
Hackley public library, 2007
Quarterly bulletin, 2008
Haddock, R.
Resources and industrial interests of Mich., 2009
[**Hager, A. D.**]
Ancient mining on shores of Lake Superior, 2010
Haigh, H.
Ledger, 8408
[**Haight, W. C.**]
Binding effect of Ordinance of 1787, 2011
Haines, E. M.
Michigan. Laws, statutes, etc.: Laws concerning organization and government of townships, 3938
Hairy vetch
Shoesmith: Hairy vetch, 6239
Haldimand, Gen.
Miscellaneous mss., 8172
Hale, D. J.
Marl, 2012
———, W.
Detroit. Common council: Remarks, 1111

HALL, B. F.
Early history of northwestern states, 2013
———, J. W.
Marine disasters on western lakes, 2014
———, J.
West, The, 2015
[**———, T. P.**]
Grosse Pointe, 2016
Hallet, R. M.
Trial by fire, 2017
Halligan, C. P.
Celery culture, 2018
Onion culture, 2019
Starting a lawn, 2020
Hallman, E. T.
Tuberculin tests for tuberculosis in cattle, 2021
Hallock, C.
Vacation rambles in north. Mich., 2022
Halpin, J. G.
Poultry raising, 2023
Hambitzer, J. F.
Michigan. Board of state canvassers: Papers in removal, 3227
Hamer, T. L.
Speech, 2024
Hamilton, B.
Consolidated corporation law, 2025
Michigan. Laws, statutes, etc.: Modern law of business corporations, 3847
———, H.
Law: Colonial history of Vincennes, 2689
Proclamation, 8409
———, H. E.
Incidents and events in life of Gurdon Saltonstall Hubbard, 2026
———, Capt. J.
Mss., 8182
———, J. P.
Michigan. Employment institution for the blind: Chief needs of adult blind, 3531
———, M. D.
Statement of trade and commerce of Detroit, 2027
———, Capt. O.
Mss., 8182
[**———, R. E.?**]
Peaceful valley farms, 2028
Hamlin, M. C. W.
Legends of Le Détroit, 2029
Hammond, C. G.
Memorial, 2030
Michigan. Legislature. House. Select committee: Report of committee to inquire and report facts in regard to alleged overdraft on treasury, 4357
———. ———. Senate. Committee on finance: Report of committee to whom was referred resolution instructing attorney general [to recover sum of money], 4494

HAMMOND, J. E.
Michigan. Dept. of public instruction: Memorial day, 3407
————. ——. — ——— —————: State manual, 3437
————. ——. — ——— —————: Suggestive programs for special day exercises, 3446
————. ——. — ——— —————: Text-book legislation, 3456
Mich. souvenir, 2031
School law, 2032, 2033
Hammond Bay, Lake Huron
Poe: Annual report upon improvement of certain rivers and harbors, 5752
Hamtramck, J. F.
Power of attorney to S. Sibley, to confess judgment unto R. and J. Abbott on bond, 8409
Hamtramck
Atlas
Robinson: Atlas of Detroit and suburbs, 7646
Maps
New map, by S. Farmer & co., 7676
—— —— of Detroit and suburbs, by S. Farmer & co., 7681, 7685
Sauer: Standard guide and pocket directory, 6140
Street railway
Record book, 8410
U. S. Bureau of census: Special census, 6627
Hamtramck township
Citizens
Petition, 2034
Hancock, C. F.
Weston: Plat book of Houghton co., 7465
————, **W.**
Map of St. Clair, 7749
—— — Wayne co., 7586
Hancock
Birds eye view, by A. J. Cleveland, 7726
Polk & co.: Directory, 5764
Hankinson, T. L.
Biological survey of Walnut Lake, 2035
Observations on fishes of Houghton co., 2036
Results of Shiras expeditions to Whitefish Point, 2037
Ruthven: Miscellaneous papers on zoology, 6057
Hannan real estate exchange
Detroit, 7699
Hannibal and St. Joseph railroad
Joy: Mss., 8136
Harbor Beach
Patrick: Some damage by lake storm in 1913, 5658
Harbor improvement, see River and harbor improvement
Harbor Point association
History, articles of association, and by-laws, 2038
HARBOR SPRINGS
[Detroit and Cleveland steam navigation co.]: Where to spend summer, 1403
Harbor Springs Christian association
History, constitution, 2039
Polk & co.: Directory, 5763
[Harford, W. M.]
Short sketch of life and services of J. Walker, 2040
Haring, F. B.
Haring's brief on conditional sale laws, 2041
Harley, H.
Circular letter concerning administration of justice, 2042
[Harmer, W. M.]
Lumbering, 2043
Harney, E. M.
Map of Kent co., 7492
Harper hospital, Detroit
[Articles of incorporation, deed, by-laws, etc.], 2044
Bulletin, 2045
Constitution, 2046
Mss., 8155
Report, 2047
U. S. General hospitals. Detroit: Prescriptions at Harper hospital, 8578
[What Detroit needs most], 2048
Harriman, K. E.
Ann Arbor tales, 2049
————, **W. D.**
Memorial of Judge J. W. Babbitt, 2050
Harrington, E. B.
Reports of cases, 2051
Revised statutes, 2052
See also Van Dyke and Harrington
————, **M. W.**
Currents of Great Lakes, 2053, 2054
Harris, C. H.
Sanitary drainage and sewerage, 2055
———, **J. E.**
Soil acidity, 2056
———, **J. C.**
Facts regarding Bay co., 2057
———, **S.**
Mich. cavalry at Gettysburg, 2058
Personal reminiscences, 2059
Stories of Civil war, 2060
Story of war of rebellion, 2061
———, **S. S.**
[Trowbridge]: Tributes to his memory, 6590
———, **W. C.**
Public life of Z. Chandler, 2062
Harrison, B.
Stone: Biographical sketch, 6417
————, **W. H.**
Jackson: Life, 2353
Harrow family
Mss., 8411
Hart, A. B.
Documents illustrating state land claims and cessions, 2063
————— relating to territorial administration, 2064

HART, A. N.
Michigan. Legislature. House. Special committee: Report of committee to whom was referred petition fo W. H. Clark asking investigation of acts and doings of, 4365
Williams: Memorial relative to examination into affairs of Amboy, Lansing and Traverse Bay railroad, 6939
——, F.
Michigan. Legislature. Senate. Committee on the militia: Report on petition, 4602
Petition to amend militia law, 2065
——, H.
City of Ann Arbor, 7607
—— — Detroit, 7628
Map of Jackson, 7729
Hart
High school
Mirror, 2066
Hartford
Ladies' library association
Book-list, 2067
Hartley, E. F.
U. S. Bureau of the census: Special census of population of Hamtramck, 6627
Hartman, S. B.
Can general farmer afford to grow apples, 2068
Hartt, G. W.
Michigan. State prison: Rebuilding men, 5091
Hartwick, L. M.
Oceana co. pioneers and business men, 2069
Hartwig, W. J., co.
General catalogue, 2070
Harvey, C. T.
Michigan. Legislature. House. Committee on elections: Report in contested election case of Harvey vs. Warner, 4042, 4043
——, Mrs. S. V. E.
Jubilee annals of Lake Superior ship canal, 2071
Semi-centennial reminiscences of Sault canal, 2072
Harwood, P. M.
Potatoes, 2073, 2074
Roots vs. silage for fattening lambs, 2075
Smut in oats and wheat, 2076
Haskell, S.
Half-century memorial, 2077
Historical sketch of Kalamazoo college, 2078
History of Kalamazoo college, 2079
Quarter-century ebenezer, 2080
—— bros.
"Wolverine state", 7298
Haskins, R. W.
New England and West, 2081
Hastings, E. P.
Mss., 8131
HASTINGS, H.
Michigan. Governor: Message transmitting correspondence in relation to, 3005
Hastings
Charter, 2082
Official city directory, 2083
Porter: Business directory of Barry co., containing history of Hastings, 5807
Women's club
Margaret, a mosaic, 2084
Hatch, W. S.
Chapter of history of War of 1812, 2085
Hathaway, C. S.
Our fireman, 2086
Hathon, A. E.
Map of Detroit, 7627
Haven, E. O.
Ann Arbor. Memorial proceedings in honor of A. Lincoln, with address of, 133
Autobiography, 2087
Michigan. State teachers' association: Memorial, 5110
Winchell: Memorial discourse on life and services, 6978
Hawes, G. A.
Loomis and Talbott's Ann Arbor city directory, 2768
—— —— —— Monroe city directory, 2769
Hawkins, O.
Petition to admit colored men to privilege of elective franchise, 2088
Hawthorne
Sargent: Crataegus in southern Mich., 6139
Hay, H.
Narrative of life on old frontier, 2089
Hay
Beal: Comparing yield of old meadows with recently seeded, 297
See also Marsh hay; Straw
Hay and grain association, see Michigan. Hay and grain association
Hayden, C.
Austin, F. G., as trustee in bankruptcy of C. Currie & co., 8227
Hayes, E. L.
Atlas of Grand Traverse co., 7457
—— — Isabella co., 7476
—— — Leelanau co., 7508
—— — Mecosta co., 7522
—— — Newaygo co., 7538
—— — Osceola co., 7547
——, R. B.
Michigan. Legislature: Memorial, 3955
Hay Lake channel
U. S. Congress. Senate. Committee on commerce: St. Mary's River and Hay Lake channel, 6659
Waterways convention: Sault Ste. Marie canal and Hay Lake channel, 6817
Hazen, Gen. W. B.
Bailey: Report on Michigan forest fires of 1881, 185

HAZEUR, F.
  Cadillac: [Contract between Cadillac, Arrivé and Gaultier, and Hazeur], 8276
Hazelwood, A.
  Water and water supply in Mich., 2090
Headley, C. B.
  Annual statement of business of Saginaw valley, 2091
  Lewis: Annual statement of business of Saginaw valley, 2732
Headlight, 2092
Healing waters at Ypsilanti, 2093
Health
  Ann Arbor. Board of health: Rules and regulations, 103
  — ———. Dept. of public health: Monthly report, 118
  Avery: Overflowed lands on Maple River, 165
  Baker: Climate and health, 193
  ———: Report on American soc. sci. association meeting, 194
  Bartholomew: Drainage and sewerage, 236
  Fox: Sewerage of Greenville, 1743
  Gillam: Effect of overflowed lands, 1808
  Healing waters at Ypsilanti, 2093
  Hitchcock: Report on slaughter houses, 2176
  Long: Present and future water supply of Ionia, 2760
  Parker: Meetings and expenses of township boards, 5644
  ———: Powers and duties of local boards, 5645
  ———: Public-health subjects before American social science association, 5646
  ———: Verification by health officer of diagnosis of diseases dangerous to public health, 5647
  Ranney: Health service of a state, 5919
  Vaughan: Healthy homes and foods for working classes, 6753
  ————: Mouth conditions and their relations to public health, 6754
  See also Detroit. Board of health; Michigan. State board of health
——— laws
  Michigan. Laws, statutes, etc.: Laws relating to public health, 3874
——— resorts
  Alpena magnetic spring, 75
  Clark mineral springs bath house, 704
  Cutter: Guide to Mount Clemens, 899-902
  History and location of Eaton Rapids, 2143
  St. Clair mineral springs co.: Illustrated circular of Oakland, 6113
  St. Louis magnetic spring, 6118
Healy, W. P.
  Michigan. Legislature. House. Special committee: Report of committee to investigate charges against, 4370
HEARDING, W. H.
  True copy of plot of military reservation at Ft. Gratiot, 7852
Heckewelder, J.
  Askin: Mss., 8129
  Mitchener: Ohio annals, 5464
Hedrick, U. P.
  Native plums, 2094
  Taft: Potatoes, 6470, 6473
———, W. O.
  History of railroad taxation, 2095
Hegner, R. W.
  Bibliography of periodical literature and publications of learned societies of interest to zoologists in U. of M. library, 2096
Heineman, D. E.
  Jewish beginnings in Mich., 2097
  Legislature and local bills, 2098
  Michigan's need of budget, 2099
  Startling experience of Jewish trader during Pontiac's siege, 2100
Helm, L. T.
  Fort Dearborn massacre, 2101
Helme, J. W.
  Clean cows, 2102
Hemans, L. T.
  History of Mich., 2103-2106
  Michigan. Historical commission: L. T. Hemans, 3805
  Services at funeral, 8536
Hempsted, E. L.
  Michigan. Political science association: Papers and addresses on primary reform, 4794
Hendershot, R. H.
  Dodge: R. H. Hendershot, 1533
Henderson, Mrs. L. M.
  Obituary, 5577
Hennepin, L.
  Remington: Ship-yard of Griffon, 5947
Hennigan, J. F.
  Jackson. Charters, 2358
Henrotin, E. M.
  Perry: L. H. Stone, 5709
Henry, A.
  Narrative of captivity, 2107
———, D. F.
  Address to public, advisability of purchasing Belle Isle, review of pamphlet by, 16
  Mss., 8159, 8160, 8168, 8193
———, J.
  Beef journal, 8412
  Invoice books, 8413
  Journal of Mackinac store, 8414
  Journals, 8415
  Ledger of Mackinac store, 8416
  Ledgers, 8417
  Letter book, 8418
  Mss., 8173
  Memoranda books, 8419
  Tannery bark book, 8420
  Tannery hide books, 8421
  Tannery journals, 8422
  Tannery ledgers, 8423
  See also U. S. Army. Commissary dept.

HENRY, J., & Co.
- Account of beef cattle, 8424

[——, S. C.]
- Tannery journal, 8425

Henry Martyn Loud, 2108

Herdman, W. J.
- Michigan alumnus, vol. VIII, 5362

[Hewes, F. W.]
- History of formation, movements, camps, scouts, and battles of 10th regt., 2109

Hewitt, L. K.
- Peck: Memorial relative to state agricultural college, 5689

Heyerman, O. F.
- Military order of the loyal legion of the U. S. Mich. commandery: In memoriam, 5438

Hiawatha
- Schoolcraft: Algic researches, 6157
- ——————: Myth of Hiawatha, 6172

Hickox, G. H.
- Remarks at funeral of Lieut. P. S. Leggett, 2110

Hicks, F.
- Potter: History of Barry co., 5855

—— & co.
- Michigan. Legislature. House. Committee on claims: Report, 4008

——, Palmer & co.
- Ledger, 8426

Higby, F. W.
- Michigan. Legislature. Senate. Committee on military affairs: Report on petition of, 4599

Higgins, S. G.
- Salt industry in Mich., 2111

Higher education
- Berry: Obstacles in U. of M., 354
- Coolidge: Relation of higher education to state, 817
- McLaughlin: History of higher education in Mich., 2845
- See also Education; name of college, normal school or university

Highland Park
- Atlas
  - Baist's real estate atlas of surveys of Detroit and Highland Park, 7687
- Finances
  - Ford: Financial statement, 1728
- Maps
  - Map, by Stewart & Fry, 7727
  - New map, by S. Farmer & co., 7676
  - —— —— of Detroit and suburbs, by S. Farmer & co., 7681, 7685
- Ordinances, etc.
  - Miscellaneous ordinances, 2112
- Population
  - U. S. Bureau of the census: Special census, 6628
- Sauer: Standard guide and pocket directory, 6140

High schools
- Michigan. Commission on high school course of study: Course of study, 3258

HIGH SCHOOLS—Continued
- ————. Dept. of public instruction: Township rural high schools, 3459
- See also Education; Michigan. Agricultural college. Dept. of agricultural education; Secondary education

High school oratorical association, see Michigan. High school oratorical association

Highway dept., see Michigan. Highway dept.

Highways, see Roads

Hildebrand, S. F.
- Meek: Synoptic list of fishes within 50 miles of Chicago, 2936

Hildreth, S. P.
- Contributions to early history of Northwest, 2113
- Pioneer history, 2114

Hill, A.
- Letter to board of education, Saginaw, on occasion of establishing four scholarships, 2115
- [In memoriam], 157
- Michigan. Forestry commission: Mich. forestry, 3547

——, A. J.
- Pine industry, 2116

——, B. L.
- Memorial against law to suppress pound or trapnet fishing, 2117

——, J. W.
- St. Clair. Common council: Corporation manual, 6104

——, S. W.
- Geological map of trap range of Keweenaw Point, 7783
- Map of Isle Royale, 7874
- Michigan. Legislature. House. Committee on elections: Report of committee to whom was referred petition contesting seat of E. G. Seymour, 4044
- Remarks on geological survey, 2118

Hillsdale
- Board of education
  - [Hillsdale union school], 2119
- College
  - Alpha kappa phi society
    - History, 2147, 2148
    - Thirteenth annual Melendy prize meeting, 2124
  - Amphictyon society
    - History, constitution and membership, 2145
  - Annual catalogue, 2120
  - Bulletin, 2121, 2122
  - First 50 years, 2123
  - Reynolds: Closing chapter of story of 50 years, 5960
  - [————]: Hillsdale college; early history, 5961
  - [————]: ———— ————: founding and removal, 5962
  - [————]: ———— ————; sketch of history—loss of buildings, 5963

HILLSDALE—Continued
[———]: ——— ———; sketch of history—recent loss of buildings, 5964
[———]: True review, 5965
Directory
Polk & co.: Directory, 5770
Goodrich: Water supply, 1827
Mitchell public library: Annual report, 5463
Reynolds: City of Hillsdale, 5959
Whelan: Water supply, 6890
Hillsdale county
American atlas co.: Plat book, 7462
Brown: History of Ransom township, 470
History, 2154
Map, by L. Geil & L. L. Jones, 7461
[———], by U. S. Postoffice dept., 7463
Ogle & co.: Standard atlas, 7464
Polk & co.: Directory, 5770
Portrait and biographical album, 5832
Hinchman, T. H.
Banks and banking, 2125
Hines, E. N.
Road book of Mich., 2126
Hingham, Mass.
Mss., 8179
Hinman, R.
Redway: Natural advanced geography, 5935
Hinsdale, B. A.
General introduction to courses in teaching, 2127
History of U. of M., 2128
Old Northwest, 2129, 2130
Our common schools, 2131
Spirit and ideals of U. of M., 2132
Theoretical and critical and practical courses in teaching, 2133
Three important documents relative to western land cessions, 2134
U. of M. as constitutional institution, 2135
Hinsdill, M.
Michigan central railroad co.: Reply to communication concerning comparative rates of freight, 5379
Histology
Huber: Directions for work in histological laboratory, U. of M., 2253, 2254
Historical commission, see Michigan. Historical commission
——— memoranda of Territory of Mich., 2136
——— sketch of Petoskey, 2137
——— sketches of education in Mich., 2138
———**societies**
Michigan. Historical commission: Sketch of historical societies, 3798
———. ——— ———: Suggestions for local historical societies, 3797
See also Michigan. Pioneer and historical society; name of society

HISTORICAL SOCIETIES—Continued
Ohio
Gallagher: Facts and conditions of progress in Northwest, 1781
——— souvenir of celebration of 16th anniversary of colonization of Hollanders in western Mich., 2139
——— writings of O. H. Marshall, 2140
History and directory of churches of Detroit, 2141
——— — ——— — Kent co., 2142
——— — location of Eaton Rapids, 2143
———, commercial advantages and future prospects of Bay City, 2144
———, constitution and membership of Amphictyon society of Hillsdale college, 2145
——— of Allegan and Barry cos., 2146
——— — Alpha kappa phi society of Hillsdale college, 2147, 2148
——— — Bay co., 2149
——— — Berrien and Van Buren cos., 2150
——— — Calhoun co., 2151
——— — discovery and workings of silver mines in Iron River district, 2152
——— — Genesee co., 2153
——— — Hillsdale co., 2154
——— — Jackson co., 2155
——— — Kent co., 2156
——— — Lake Huron shore, 2157
——— — Lapeer co., 2158
——— — Livingston co., 2159
——— — Macomb co., 2160
——— — Manistee, Mason and Oceana cos., 2161
——— — Muskegon co., 2162
——— — Oakland co., 2163
——— — Olivet college, 2164
——— — Ottawa co., 2165
——— — Presbyterian Sunday-school at Grand Haven, 2166
——— — Saginaw co., 2167
——— — Saginaws, 2168
——— — St. Clair co., 2169
——— — St. Joseph co., 2170
——— — Shiawassee and Clinton cos., 2171
——— — Tuscola and Bay cos., 2172
——— — Upper Peninsula, 2173
——— — Washtenaw co., 2174
———, resources and prospects of Saginaw valley, 2175
History
Larzelere: Suggestions for teaching history in rural schools, 2684, 2685
Hitchcock, H. O.
Report on slaughter-houses, 2176
Hixon, W. W., & co.
Plat book of northern Mich., 7389
Hobbs, W. H.
Late glacial and post glacial uplift, 2177
Hodge, H. C.
Memorial claiming seat in house, 2178
Michigan. Legislature. House. Committee on elections: Report in relation to memorial claiming seat of C. Freeman, 4045

HODGE, W.
Papers concerning early navigation of Great Lakes, 2179
[**Hoffman, C. F.**]
Winter in West, 2180
———, J. M.
Saginaw valley review, 2181
Hogaboam, J. J.
Bean Creek valley, 2182
Hogs
Davenport: Pigs, breeding tests, 924
Giltner: Studies of agglutination reactions in hog cholera, 1814, 1815
Michigan. Agricultural college. Experiment station: Hog cholera situation, 3018
Robbins: Hog cholera, 5986
Shaw: Cull beans as food for swine, 6213
———: Digester tankage for swine, 6214
———: Equipment for breeding, feeding, care and management of swine, 6217
Smith: Pig feeding, 6279
Waterman: Hog cholera, 6814
See also Stock food; Swine
Holbrook, D. C.
Mss., 8196, 8198
Holcroft, J.
Map of canal at Sault Ste. Marie, 7987
[**Holden, E. A.**]
Souvenir, national grange in Mich., 2183
———, P. G.
Harwood: Potatoes, 2074
———: Smut in oats and wheat, 2076
Holidays
Michigan. Dept. of public instruction: Special day programs, 3435, 3436
———. ———. ——— ——— ———:
Suggested exercises, 3443
Holland, A. H.
Gazetteer of Marquette co., 2184
[**———, T. A.**]
Grand Rapids directory, 2185
Holland
Board of health
Rules, 2186
——— — public works
Annual report, 2187
Charter, 2188
Common council
Rules, 2189
Harbor
Holland Harbor, by U. S. War dept., 7943
Poe: Annual report upon improvement of certain rivers and harbors, 5752
High school
Boomerang, 2190
History
Van Schelven: Centennial, 6749
Huizinga: What Dutch have done in west of U. S., 2258
Map
Holland Harbor and Black Lake including city, by U. S. War dept., 7943
Ordinances, 2191

HOLLANDERS, see Dutch in Mich.
Hollands, Mrs. H. T.
When Mich. was new, 2192
Hollister, H. J.
Daniel Ball, 2193
Holmes, C.
Map of Saginaw, 7748
———, J. C.
Communication relative to financial condition of State agricultural society, 2194
Mss., 8041, 8068, 8075, 8076, 8078, 8080
———, J. T.
Michigan. Legislature. Senate. Committee on public lands: Report of committee to whom were referred petition for removal of State land office from Marshall to Grand Rapids, 4591
Holsinger, C.
Petition for relief, 2195
Holstein breeders' association, see West Mich. holstein breeders' association
Holt, C. M.
Story of Grand Rapids, 2196
Homann, J. B.
Amplissimae regionis Mississipi, 7086
Home kindergarten school, Detroit
[Announcement], 2197
Homeopathic branch, see Michigan. University
——— **college,** see Detroit homeopathic college
——— **institute,** see Michigan. Institute of homoeopathy
——— **medical society,** see Michigan. Homeopathic medical society
Homeopathy
Burton: Beginnings in Detroit, 510
———: First homoeopathic physician in Mich., 511
Ellis: Memorial in favor of homeopathic treatment in Mich. asylums, 1596
Joy: Protest against homeopathic branch of university, 2428
Michigan. Homeopathic college: Annual announcement, 5403
———. Legislature. House. Committee on education: Report relative to erection of chair of homeopathy in university, 4037
Thayer: Memorial on subject of establishing chair of homoeopathy in U. of M., 6518
Treadwell: Petition for chair of homoeopathy in university, 6582
See also Michigan. School of homeopathy and surgery; Michigan. University. Homoeopathic medical school; Michigan. University. University homeopathic hospital
Homer
Lane: Homer, 2613
Nedham: Directory, 5533
Homeseekers' excursions to northern Mich., 2198

HOMESTEAD LANDS
  Michigan. State land office: Report, 5003
Honey
  Cook: Honey analyses, 789
  ———: Planting for honey, 795
Hood, G. W.
  Laboratory manual of horticulture, 2199
Hook, H. H.
  Detroit illustrated, 1455
Hope college
  Annual report, 2200
  Constitution, 2201
  Fiftieth anniversary catalog, 2202
  Kolyn: Book of words of pageant of Hope, 2578
  Remembrancer, 2203
  Year book, 2204
Hopkins, C. C.
  Michigan. Supreme court: Exercises in memory of J. V. Campbell, 5123
———, G. H.
  Memorial address on life and character of J. J. Bagley, 2205
———, W. R.
  Report on new town [Huron], 2206
Hopson, W.
  Mss., 8117
Hore, R. E.
  Allen: Mineral resources of Mich., with treatise on Mich. copper deposits by, 60
Horn, G. C.
  Spies public library: Catalogue of Indian and nature studies, 6364
Horner, J. S.
  Merrell: J. S. Horner, 2956
Hornsby, L.
  Grand Traverse co.: Teacher's directory, 1960
Horses
  Grange: Experimental work among, 1968
  Norton: Preliminary report on wintering farm work horses, 5570
Horticultural society, see Michigan. State horticultural society
Horticulture
  Bailey: Hints on rural adornment, 180
  ———: Notes on fruits [etc.], 181
  Clark: Suggestions concerning legume innoculation, 699
  Clubb: Spring Lake, 715
  Fletcher: Outline of elementary course in, 1706
  Hood: Laboratory manual of, 2199
  Lyon: History of Mich. horticulture, 2783
  Western Mich. Lake shore horticultural association: Proceedings of convention, 6877
  See also Fruit and fruit culture; Michigan. Public domain commission
Horton, R. E.
  Available water power, 2207
  Deforestation, 2208
Hosford, O.
  Memorial of Rev. O. Hosford, 2209
HOSKINS, N.
  Notes upon western country, 2210
Hospitals, see Michigan. University. University homoeopathic hospital; Michigan. University. University hospital
Hot water heating, see Detroit. Heating and lighting co.
Hough, F. B.
  Diary of siege of Detroit, 2211
———, O.
  Michigan. Legislature. Senate. Select committee: Report of committee to whom was referred so much of governor's message as relates to abolition of slavery, 4742
Houghton, D.
  Bradish: Memoir, 424
  Copy of letter to T. H. Hubbard, 2212
  Full length portrait and memoir, 1773
  Map of Calhoun co., 7432
  ——— — Jackson co., 7479
  ——— — Lenawee co., 7509
  ——— — Washtenaw co., 7575
  Michigan. Geological survey: State in account with D. Houghton, 3574
  Portrait of, 5851
  U. S. Congress. House. Committee on public lands: Mineral lands—sale of, 6654
  Winchell: D. Houghton, 6971
———, J., jr.
  Map of mineral region of south shore of Lake Superior, 7836
  Mineral region of Lake Superior, 2213
  Reports, 2214
Houghton
  Board of education
    Annual catalogue, 2215
    Annual reports, 2216
  Directory
    Polk & co.: Directory, 5764
  Houghton and Ontonagon railroad
    Report, 2217
  Quadrangle map, see Quadrangle maps
Houghton county
  Allen: Contributions to Pre-Cambrian geology; geology of Limestone Mountain and Sherman Hill [by] E. C. Case and W. J. Robinson, 55
  Biographical record, 369
  Farm and business directory, 1635
  Grouped cross sections illustrating stratigraphical relations between Houghton and Keweenaw cos., by Mich. geological survey, 7778
  Hankinson: Observations on fishes of, 2036
  Polk & co.: Directory, 5771
  Ruthven: Miscellaneous papers on zoology, 6057
  Weston: Plat book, 7465
House decoration, see Grand Rapids. Furniture co.
——— **documents,** see Michigan. Legislature. House

HOUSE DRAINAGE
Parker: Public health subjects before American social science association, 5646
——— **of correction,** see Detroit. House of correction; Michigan. Industrial school for boys; Michigan. State house of correction and branch of state prison in Upper Peninsula
Houses
Lyster: Report on healthful dwellings, 2780
See also Flats
Housing code
Michigan. Laws, statutes, etc.: Housing code, 3876
Housing commission, see Michigan. Housing commission
Houston, D. C.
Annual report upon improvement of harbors, 2218
Howard, C.
Michigan. Legislature. Senate. Committee on the judiciary: Report relative to allowing claim, 4560
———, **D. W.,** see Howard and Welch
———, **Jacob M.**
In memoriam, 2369
Mss., 8044, 8046, 8055, 8165
Michigan. Legislature. House: Resolutions relative to sub-treasury, 3971
Protest against committee to inquire into overpayment of governor's salary, 2219
———, **John**
Memorial respecting swamp lands, 2220
———, **Joshua**
Mss., 8127
———, **S.**
Michigan. Legislature. House. Special committee: Report of committee to whom was referred memorial relative to preservation of forest trees, 4375
———, **S. and C.**
Statement showing difference in accounts, 2221, 2222
———, **T. B.**
Mss., 8201
———, **W. A.,** see Howard and Cargill; Howard and Toms
Howard and Cargill
Mss., 8069
——— ——— **Toms**
Mss., 8041, 8069, 8079, 8081, 8083, 8087, 8095, 8097, 8099
——— ——— **Welch**
Mss., 8142
Howard City
Polk & co.: Directory, 5763
Polk, Murphy and co.: Directory, 5790
Howe, D. W.
Laws and courts of Northwest, 2223, 2224
———, **E. E.**
Break o'day, 2225, 2226
———, **U. T.**
Michigan. State teachers' association: Memorial, 5110

HOWE AND TERRY
Map of portion of silver range of Lake Superior, 7842
Howell, A.
Irwin: Annotations, 2344
Michigan. Laws, statutes, etc.: Howell's annotated statutes, 3877
———. ———, ———, ———.: General statutes, 3930
Sessions: Manual for county clerks, sheriff's and constables, 6201
Tiffany: Treatise on criminal law of Mich., 6539-6541
———: Treatise on powers and duties of justices of peace, 6542-6546
———, **Mrs. A.**
Bixby: Historical sketches of ladies' library associations of Mich., 376
———, **C.**
Grand Rapids. Charters: Revised charter, 1884
——— ———. Ordinances, etc.: Ordinances, 1910
Industrial advantages of Grand Rapids, 2227
———, **C. A.**
Tiffany: Treatise on powers and duties of justices of peace, 6546
———, **C. B.**
Mich. nisi prius cases, 2228
———, **W. T.**
Memorial asking amendments to charters of central and southern railroads, 2229
Michigan. Legislature. House. Committee on federal relations: Report on channel of communication through Canada, 4066
———. ———. ———. Select committee: Report on land grants by Congress, 4324
Protest against passage of certain bill, 2230
Protest against appropriating tolls of St. Mary's canal to payment due counties for taxes on canal lands, 2231
Right of government to lease mineral lands, 2232
Howell
Board of education
Annual circular, 2233
Catalogue, 2234
History
Crittenden: History, 861
Smith: History, 6293
Public library
Annual report, 2235
Quadrangle map, see Quadrangle maps
Howell tuberculosis sanatorium, see Michigan. State sanatorium for the treatment of tuberculosis
Howison, J.
Sketches of Upper Canada, 2236
Hoyt, C. O.
J. D. Pierce, 2237

HOYT PUBLIC LIBRARY, SAGINAW
Subject list, 2238
Trust deed, 2239

[Hubbard, A. C.]
Fruit culture, 2240
Orchards and fruits, 2241

——, B.
Catalogue of lands for sale, 2242
Climate of Detroit, 2243
Geological survey, 2244
Houghton: Reports, 2214
Mss., 8119, 8121, 8203
Memorials of half-century, 2245, 2246

——, Mrs. E.
Petition asking passage of bill relative to license laws and sale of liquors, 2247

——, G. S.
Autobiography, 2248
Hamilton: Incidents and events in life of, 2026

——, H. G.
Coleoptera of Florida and Mich., 2249

——, H. W.
Palmer: Mss., 8200

——, L. L.
Valuable private library, 2250
Keweenaw Point, 2251
Lane: Geology of lower Mich., 2601
Michigan. Geological survey: Extracts from annual reports, 3564

——, M. A.
Schedule of lots in Allegan for sale, 6154

——, R. J.
Mss., 8119

——, S.
Schedule of lots in Allegan for sale by M. A. Hubbard, 6154

——, T. H.
Houghton: Copy of letter to, 2212
Mss., 8119

—— and King
Mss., 8123

Hubbardston
Citizens
Decoration ceremonies, 2252
Polk & co.: Directory, 5772

Hubbell and Weeks
Detroit city directory, 1421

Huber, G. C.
Directions for work in histological laboratory, U. of M., 2253, 2254
Michigan alumnus; vol. VIII, 5362

Hudson, J. L.
Detroit, 2255
General A. S. Williams monument association: Minutes on death of J. L. Hudson, 1794

——, R.
Michigan. University: Memorial discourses, address by, 5194

——, R. P.
Michigan. State board of health: Michigan, a summer and health resort state, 4900

HUDSON
Charter, 2256
Trinity Protestant Episcopal church
Church record, 2257

Hughart, W. O.
Map of Mich. showing land grant to Grand Rapids and Indiana railroad, 7328

Hughes, D. D.
[Grand Rapids and Indiana railroad co.]: Legislation conferring land grant, 1939

Huizinga, G. F.
What Dutch have done in west of U. S., 2258

Hulbert, A. B.
Military roads of Mississippi basin, 2259
Society of colonial wars. Michigan: Message of mound builders, 6326

——, E. J.
Calumet conglomerate, 2260, 2261
Geological and topographical map of mineral district of Lake Superior, 7840, 7841

Hulburt and Faulkner
Manistee city and county directory, 2262

Hull, A.
Plan of Detroit, 7624

——, W.
Campbell: Revolutionary services and civil life of, 572
Clarke, J. F.: W. Hull and surrender of Detroit, 705
——, S. C.: W. Hull, 708
Dearborn: Defence of Gen. Dearborn, 939
Defence of, 2263
[Foster]: Capitulation, 8398
Lossing: Hull's surrender of Detroit, 2771
Lucas: Journal, 2776, 2777
Memoirs of campaign of northwestern army, 2264
[Moore]: Governor, judge and priest, 5477
Report of trial of, 2265
Trial, 2266
Walker: Two letters on conduct in surrender of Detroit, 6793

Hulst, C. S.
Indian sketches, 2267

Humboldt
Holland: Gazetteer of Marquette co., comprising directory of, 2184

Humus
Smalley: Management of muck-land farms, 6259

Hunt, C. P.
Jackson. Ordinances, etc.: Ordinances, 2362

——, H. E.
Mich. laws relating to women and girls, 2268

——, H. P.
Palmer: Early days in Detroit, 5630

HUNT, JAMES B.
Address to members of agricultural society of Oakland co., 2269
Michigan. Board of internal improvement: Communication relative to contract with D. C. McKinstry, 3182
——, John
Mss., 8055, 8070
Hunter and Van Valkenburg
Map of Kent co., 7497
Hunting
Northrup: Camps and tramps in Adirondacks and grayling fishing in northern Mich., 5562
Pere Marquette railroad co.: Fishing and hunting in Mich., 5699
—— ———— ———— —.: Mich. summer resorts, 5701
Perry: Hunting expeditions, 5710
Shaffmaster: Hunting in land of Hiawatha, 6206
Shields: Rustlings in rockies, 6235
See also Game and fish laws under Michigan. Laws, statutes, etc.
Huntington, S.
Western Reserve historical society: Letters from correspondence, 6879
[Hurd, J.]
[Proposition to lease Central railroad], 2270
Hurd-Martin co.
Birds eye view of Detroit, 7682
Hurlbut, C.
Detroit. Board of water commissioners: Copy of Chauncey Hurlbut's will, 1033
— ——, —. steamer
Logbook, 8428
Huron
Hopkins: Report on new town of, 2206
Plan of canal and town, by N. Curriers, 7728
Town of Huron, at foot of Lake Huron, 6561
Huron Bay
Huron Bay and Huron Island, by U. S. War dept., 7885, 7886
Huron county
Dwight: Township plats, 8381
Lane: Geological report on, 2599
Map, by U. S. Postoffice dept., 7466
Map of Saginaw and Tuscola with part of, by D. A. Pettibone, 7555
Portrait and biographical album, 5833
Records
Williams: Mss., 8151
Huron Island
Huron Bay and Huron Island, by U. S. War dept., 7885, 7886
Huron, Lake, see Lake Huron
Huron Mission
Potier: Jesuit mss., 5854
Huron River
Fuller: Failure of wells, 1775
Huron River basin
Map of drainage basin of Huron River, 7380
HURON RIVER VALLEY
Outline map from Geddesburg to Parshall and White Highway, 7381
Transeau: Bogs and bog flora, 6563
Hussey, E.
Michigan. Legislature. Senate. Committee on privileges and elections: Report of committee to whom was referred petition that E. Hussey be excluded from seat in senate, 4628
Hutchins, H. B.
Legal education, 2271
————, T.
New map of western parts of Va., Pa., Md. and N. Car., 7108
Phillips: Rare map of Northwest, 5731
[Smith]: Historical account of expedition against Ohio Indians in 1764, 6314
Western Reserve historical society: Battle of French Town, 6880
Hyde, E. F.
Map of Au Sable River, 7959
Hyde
Polk & co.: Directory, 5767
Hydraulics
Sabin: Filling and emptying 3rd lock at St. Mary's Falls canal, 6060
Hygiene
Michigan. State board of health: Public health, 4914
————. —— ——— — ————: Quarter-century of public health literature, 4915
————. ——— ——— — ————: Teachers' sanitary bulletin, 4933
Hymers, E. E.
Pontiac. Ordinances, etc.: Revised ordinances, 5800

Ideal publishing co. and information bureau
Ideal guide to Detroit, 2272
Idiotic, see Defective and delinquent classes
Ihling bros. and Everard
Polk & co.: Kalamazoo city directory, 5774
Illinois
Beckwith: [Documents, papers, materials and publications relating to Northwest and], 326
————: Illinois and Indiana Indians, 328
Blanchard: Discovery and conquests of Northwest, 385
Governor
Message transmitting report on Illinois and Mich. canal, 2273
Illinois and Michigan canal
Illinois. Governor: Message transmitting report, 2273
Illinois central railroad
Joy: Mss., 8136
Statement and reply, 2274
Illinois, Indiana and Michigan railroad co.
Engineer's report on preliminary surveys, 2275

ILLUSTRATED industrial souvenir of Grand Rapids, 2276
Imbecile, see Defective and delinquent classes
Imlay City, 2277
Immediate effect acts
  Michigan. Laws, statutes, etc.: Immediate effect acts, 3878
Immen, F.
  In memoriam, 2278
Immen, Mrs. L. P.
  Silver Springs, 2279
  Story of Park Congregational church, 2280
Immigration
  Elliott: Immigration register, 8383, 8384
  ———: Letter books, 8386
  Michigan. Legislature. Senate. Committee on state affairs: Report relative to portion of governor's message which relates to, 4672
  ————. State board of health: Immigrant-inspection service, 4898
  See also Emigration agency; Michigan. Public domain commission; Michigan. State agent of immigration
Imperial life insurance society
  Common sense talk on life insurance, 2281
Imperial publishing co.
  Map of Midland co., 7525
Incorporation, acts of
  Michigan. Attorney general's office: Opinion on acts of incorporation, 3070, 3071
Independent forestry commission
  Proceedings of forestry convention in Grand Rapids, 5876
Independent labor party. Detroit
  Circular, 2282
Independent Order of Good Templars. Mich.
  Constitution and by-laws, 2283
  Transactions, 2284
Independent Order of Odd Fellows
  Belle Oak lodge no. 178
    General laws, by-laws and rules, 2286
  Constitution et règlements de la premiere loge Française de l'ouest, 2285
  Lansing. Friendship encampment no. 33
    Constitution, by-laws, and rules of order, 2287
  Michigan
    Grand lodge
      Proceedings of R. W. grand lodge, 2288
      ——————— — grand lodge, 2289
      Weston: Documents and addresses while mayor of Grand Rapids, 6883
    Right worthy grand encampment
      Journal, 2290
Indiana
  Beckwith: Illinois and Indiana Indians, 328
  Boundaries, see Michigan. Boundaries
  Dillon: History of Indiana, 1516
INDIANA (Ter.)
  Proclamation for organization of Wayne co., 8429
  [May]: Memorial of citizens of Indiana Territory, 2930
Indian and pioneer history of Saginaw valley, 2291
——— **lands**
  Map of part of mineral lands adjacent to Lake Superior, by U. S. War dept., 7859
  Michigan. Legislature. Senate. Committee on Indian lands: Report on purchasing of, 4525
——— **River**
  Polk & co.: Directory, 5765
Indians
  Anishinabe enamiad, 94
  Askin: Mss., 8037, 8130
  Atwater: Indians of Northwest, 160
  Beckwith: Illinois and Indiana Indians, 328
  Blackbird: History of Ottawa and Chippewa Indians, 378
  ————: Indian problem, 379
  Blair: Indian tribes of Upper Mississippi, 382
  Blanchard: Discovery and conquests of Northwest, 386
  Brown, S. R.: Western gazetteer, 472
  ———, W. E.: Indian legendary poems, 474
  Burton: E. Douglass, 522
  ———: Mss., 8191
  Carver: Adventures, 589
  ———: Travels, 590-602
  Cass: Discourse before historical society, 608
  Chicago and northwestern railway co.: The Indian, the Northwest, 663
  Chippewa Indians: Memorial in favor of Maine law, 673
  Colton: Tour of American lakes and among the Indians, 748
  Cook: Six months among Indians, 803
  Copway: Life, history and travels, 836
  ————: Pa-mah-duk ke-ne-bood, 8302
  Cox: Indian as diplomatic factor in Northwest, 847
  Croghan: Selection of letters and journals, 864
  Custer: Gen. Custer at battle of Little Big Horn, 890
  ———: Wild life on plains, 893
  DePeyster: Miscellanies, 949
  DeSchweinitz: Life and times of D. Zeisberger, 951
  Dillon: History of Indiana, 1516
  Dodge: Narrative during captivity, 1532
  Dubuisson: Official report of war at Detroit in 1712, 1551
  Edmonds: Report upon disturbance at Potawatamie payment, 1576
  [Etzenhouser]: Engravings of prehistoric specimens, 1614
  Felch: Indians of Mich., 1675
  ———: Mss., 8154

INDIANS—Continued
Fernow: Ohio valley, 1680
Ferry: Justice to Mich. Indians, 1692
Filley: Life and adventure, 1697
Gale: Upper Mississippi, 1779
Gillman: Certain characteristics pertaining to ancient man, 1810
Helm: Fort Dearborn massacre, 2101
Henry: Narrative of captivity, 2107
Hildreth: Pioneer history, 2114
Hollands: When Mich. was new, 2192
Hough: Diary of siege of Detroit, 2211
Hulbert: Military roads in Mississippi basin, 2259
Hulst: Indian sketches, 2267
Indian and pioneer history of Saginaw valley, 2291
Jackson: Life of W. H. Harrison, 2353
Jefferson: Reply to speech of Indians concerning promises made at treaty of Greenville, 8431
Jones: Journal of visits to Indians on west side of Ohio River, 2421
Judson: Myths and legends of Mississippi valley and Great Lakes, 2431
Keating: Travels in interior of North America, 2466
Kelton: Indian names and history of Sault Ste. Marie canal, 2515
Leeth: Short biography of, with account of life among, 2713
Littlejohn: Legends of Mich., 2751
Long: Voyages and travels of Indian interpreter and trader, 2759
Ludlow: Onawago, 2778
McClelland: Defence of Gen. Cass, 2793
McClung: Sketches of western adventure, 2794-2800
McKnight: Our western border, 2838
Mss. of Lenox township, Macomb co., 8165
Meginness: Biography of F. Slocum, 2938
Metcalf: Collection of narratives of Indian warfare, 2960
[Michigan. Governor: Communication transmitting] documents relative to settlements on Niles reservation, 3591
———. Historical society: Historical and scientific sketches of Mich., 3807
———. Legislature. House. Committee on Indian affairs: Report [relative to permitting Indians in Emmet and Cheboygan cos. to exercise elective franchise], 4089
———. ———. ———. ——— ——— — ——— ———: Report with accompanying documents, 4090
———. ———: Memorial in relation to, 3962
———. ———. Senate. Select committee: Report of committee to whom was referred circular suggesting passage of law for more effectual prevention of traffic in ardent spirits with Indian tribes, 4730

INDIANS—Continued
Miscellaneous mss., 8122, 8176, 8182
Miskouaki: Indian affairs around Detroit in 1706, 5459
Mitchener: Ohio annals, 5464
Morton: Lake Huron and country of Algonquins, 5490
O'Brien: Two early missionaries to Indians, 5582
Old North-west leaflets, 5594
[Ottawa Indians: Petition of Ottawa Indians residing at L'Arbre Croche], 5618
Page: Legendary lore of Mackinac, 5624
Parkman: Conspiracy of Pontiac, 5648-5652
Perkins: Annals of West, 5704-5708
Phelps: F. Slocum, lost sister of Wyoming, 5730
Pidgeon: Traditions of De-coo-dah, 5736
Pokagon: O-gi-maw-kwe mit-i-gwa-ki, 5756, 5757
[Pritts]: Abentheuerliche ereignisse aus leben ersten ansiedler mittleren und westlichen staaten, 5875
[———]: Incidents of border life, 5874
Rice: David Zeisberger and his own brown brethren, 5968
Rogers: Ponteach, 6007, 6008
Schoolcraft: Algic researches, 6157
———: American Indians, 6158
———: Archives of aboriginal knowledge, 6159
———: Bibliographical catalogue of books and other publications, 6160
———: Discourse before Historical society of Mich., 6162
———: History of Indian tribes of U. S., 6163
———: Incentives to study ancient period, 6164
———: Indian in his wigwam, 6165
[———]: Indian fairy book, 6166
[———]: Indian tribes of U. S., 6167
———: Information respecting history, condition and prospects of Indian tribes of U. S., 6168, 6169
———: Inquiries respecting history, present conditions and future prospects of Indian tribes, 6170, 6171
———: Myth of Hiawatha, 6172
———: Narrative of expedition through Upper Mississippi to Itasca Lake, 6174
———: Onéota, 6176
———: Personal memoirs of a residence of 30 years with Indian tribes on frontiers, 6178
———: Red race of America, 6179, 6180
[———]: Suggestions for travellers visiting ancient sites, 6181
———: Summary narrative of exploratory expedition to sources of Mississippi, 6182

INDIANS—Continued
————: Travels in central portions of Mississippi valley, 6183
[————]: Western scenes and reminiscences, 6184
[Severance]: Peace mission to Niagara of E. Douglass, 6202
Sibley: Mss., 8173, 8175
Sifferath: Short compendium of catechism for Indians, 6243
Slocum: History of F. Slocum, 6256
———: Ohio country between 1783 and 1815, 6258
Smith, H. J.: Saginaw valley collection, 6300
[———, W.]: Historical account of expedition against Ohio Indians in 1764, 6314, 6315
———, W. H.: St. Clair papers, 6318
Sons of the American revolution. District of Columbia society. Battle fields of Maumee valley, 6334
Spies public library: Catalogue of Indian and nature studies, 6364
Tanner: Narrative, 6496
Taylor: Harrison-Tarhe peace conference, 6508
Terry: Aborigines of Northwest, 6514
Thatcher: Indian biography, 6515
Todd: Lost sister of Wyoming, 6552
[Tuttle]: Conversations on Mackinaw and Green Bay Indian missions, 6609
U. S. Board of commissioners of Indian affairs: Report on claims of creditors of Ottawas and Chippewas, 6623
—. —. Office of Indian affairs: Circular, 6678
—. —. President: Message in relation to removal of Chippewa Indians from mineral lands of Lake Superior, 6684
—. —. ————: Message to 1st sess., 31st Cong., 6685
—. —. Superintendent of Indian affairs for Mich.: Annual report, 6687
—. —. War dept.: Letter transmitting information in relation to superintendency of Indian affairs in Mich. Territory, 6693
—. —. —— ——.: Schoolcraft and Allen—expedition to Northwest Indians, 6698
Verwyst: Life and labors of Rt. Rev. F. Baraga, 6758
———: Missionary labors of Fathers Marquette, Ménard and Allouez, 6759
Volney: View of climate and soil of U. S., 6770, 6771
Walker: Campaigns of Gen. Custer in Northwest and surrender to Sitting Bull, 6792
Webber: Indian cession of 1819, 6841
Weissert: Indians and trading posts in northwest of Barry co., 6850
Williams: Mss., 8038

INDIANS—Continued
Wood: Lives of famous Indian chiefs, 7027, 7028
Zeisberger: Diary, 7072
See also Chippewa Indians; Ottawa Indians; Pontiac; Potawatomi Indians; U. S. Supt. of Indian affairs
Industrial accident board, see Michigan. Industrial accident board
———— **arts**
Detroit. Public library: Industrial arts, selected list, 1311, 1312
———— **education**
Michigan. State commission on industrial and agricultural education: Report, 4954
Warriner: All-day trades school, 6805
See also Education; Manual training; Schools; Vocational education
———— enterprise, 2292, 2293
———— **school,** see Michigan. Industrial school for boys; Michigan. State Industrial home for girls
Industries and industrial history
Alpena evening echo: Alpena, 74
Altenbrandt: Men behind guns in making greater Grand Rapids, 78
Baker: City of Grand Rapids, 201
Beals: Commercial, industrial and transportation interests of Detroit, 320
Champlin: Industrial prosperity, 631
Detroit. Public library: Welfare work in industry, selected list, 1330
Industries and wealth of Detroit, 2294
Michigan. Federation of labor: Official year book, 3536
————. Public domain commission: Michigan, agricultural, horticultural and industrial advantages, 4806, 4811
———— —— wealth of Detroit, 2294
Infant mortality, see Michigan. Statistics, vital
Infantry, see Michigan. Infantry
Ingalls, E. S.
Centennial history of Menominee co., 2296
Iron mines of Menominee co., 2297
Fearful tragedy in Medina, 2298
Ingersoll, E.
Michigan. Legislature. House. Committee on roads and bridges: Report [relative to right to keep ferry across Grand River], 4223
Ingham county
Beers & co.: County atlas, 7467
Cowles: Past and present, 843
Durant: History, 1561
Farm journal directory, 1642
Map of Lansing and adjoining towns embracing portions of, by Macy & Driggs, 7736
——, by Rand, McNally & co., 7468
[——], by U. S. Postoffice dept., 7469
Mudge: Directory, 5498
Polk & co.: Directory, 5775
Portrait and biographical album, 5834

INGHAM COUNTY—Continued
Topographical map of Ingham and Livingston cos., by Geil, Harley and Siverd, 7470
See also Lansing

Inglis, J. G.
Northern Mich., 2299

[Ingram, H. K.]
Three on a tour, 2300

Inheritance and succession
[Detroit. Trust co.]: Descent and distribution of property, 1352, 1353
Michigan. Auditor general's office: Inheritance tax law information, 3124
————. Laws, statutes, etc.: Inheritance tax laws, 3883
———— trust co.: Laws relating to descent and distribution of property, 5429
Union trust co.: Digest of Mich. laws, 6619
—— —— —.: Union trust co., 6621

Initiative and referendum
Barber: Direct legislation, 216
Fairlie: Referendum and initiative, 1631
See also Referendum

Inlander, 2295

Inland navigation
Curwood: Great Lakes, 885
Deep waterways convention: Lake transportation, 940

In memoriam, E. A. Brush, 2304
— ————, E. E. Brush, 2305
— ————, Rev. I. Butterfield, 2314
— ————, Gen. L. Cass, 2307
— ————, D. M. Cooper, 2303
— ————, A. W. Duffield, 2302
— ————, funeral obsequies on death of Rev. W. M. Ferry, 2306
— ————, Mrs. E. N. Follett, 2312
— ————, W. S. George, 2315
— ————, J. M. Howard, 2309
— ————, Mrs. C. Moore, 2311
— ————, Mrs. M. H. Sanford, 2313
— ————, A. B. Thompson, 2301
— ————, G. P. Wanty, 2308
— ————, J. M. Wight, 2310
— **memory of** J. S. Farrand, 2317
— ———— — E. Putnam, 2316

Innes, W.
Freemasons. Michigan. Grand lodge: Memorial service, 1761
——— **and Tinkham**
Map of Kent co., 7491
——— **rifles. Co. K. 2d infantry, M. N. G.**
Program, 2318

Insane
Michigan. Dept. of state: Abstract of number, 3462
————. Laws, statutes, etc.: Laws relating to insane and feeble-minded, 3884
Smith: Behind the scenes, 6308
See also Defective and delinquent classes

INSANE ASYLUMS, see Michigan. Asylum for the insane; Michigan. Asylums; Michigan. Ionia state hospital; Michigan. Joint board of trustees of state hospitals; Michigan. Kalamazoo state hospital; Michigan. Newberry state hospital; Michigan. Pontiac state hospital; Michigan. Traverse City state hospital
——— **hospitals**
Brodie: Address before State medical society, 444

Insect galls
Pearse: Crawfishes. Insect galls, 5686

Insecticides
Cook: Experiments, 786
——: Insecticides, 791
Patten: Analyses of some materials sold as, 5661
Taft: Insecticides and fungicides, 6460

Insects
Cook: Injurious insects, 790
Davis: Army worm, 930
———: Celery insects, 931
———: Pests, 933
———: [Some injurious insects], 934
Pettit: Insects injurious to apple, 5719
———: Insects new and unusual, 5720
———: Insects of 1907, 5721
———: Insects of field crops, 5722
———: Insects of the garden, 5723
———: Some insects of year 1897-1901, 5726
Wheeler: Insects of clover field, 6885
Winchell: Notes on Selandria Cerasi Harris, 6981

Inspector general's office, see Michigan. Inspector general's office

Institutes, see Teachers' institutes

Insurance
Ann Arbor fire underwriters: Minimum tariff of rates, 120
Michigan. Attorney general's office: Report in relation to Mich. insurance co., 3079
————. Dept. of state: Communication transmitting statement of insurance cos., 3494
————. ———. ————: First annual report relating to, 3501
————. Employers' liability and workmen's compensation commission: Report, 3529
———— insurance co. of Detroit: Memorial and report, 5404
————. Laws, statutes, etc.: Laws relating to insurance, 3889
[Trask]: Brief upon insurance laws, 6564
Tupper: Address before commercial class of U. of M., 6601
Ypsilanti. Board of underwriters: Constitution and by-laws, 7063
See also Detroit. Fire and marine insurance co.; Fire insurance; Life insurance; Michigan. Insurance dept.

Insurance herald hand book of Mich., 2319

Interest, see Usury laws

INTERMITTENT FEVER
  Nicholson: Causation of, 5544

Internal improvement lands
  Michigan. Auditor general's office: Communication in relation to, 3096
  ———. ——— ——— ———: Communication relative to internal improvement lands granted, 3102, 3103
  ———. ——— ——— ———: Communication transmitting statement of appropriations, 3112
  ———. Board of state auditors on land claims: Annual report, 3220
  ———. Legislature. House. Committee on internal improvement: Report of committee to whom was referred petitions and resolutions for appropriating lands, 4104, 4105
  ———. ———. ———. ——— ——— — ——— ———: Report relative to sale of, 4106
  ———. ———. ———. Committee on internal improvement lands: Minority report of committee to whom was referred bills making appropriations of, 4154
  ———. ———. ———. Select committee: Report of committee to ascertain number of acres which have been and are to be appropriated, 4321
  ———. State land office: Communication reporting amount of unappropriated land on hand, 4994
  ———. ——— ——— ———: List of lands unsold and not by law withheld from sale, 5001

Internal improvements
  Benton: Wabash trade route, 346
  Bliss: Federal land grants for, 388
  Brief examination of projected system, 437
  Felch: Mss., 8154
  Keith: Historical sketch of, 2490
  Michigan. Auditor general's office: Communication relative to, 3104
  [———. ——— ——— ———]: Statement of amount of appropriations and expenditures, 3147
  ———. Governor: Communication relative to internal improvement fund, 3599
  ———. ———: Special message in relation to report of committee appointed to investigate, 3625
  ———. Laws, statutes, etc.: Laws in relation to, 3890
  ———. Legislature. House. Committee on ways and means: Report in relation to sale of public works, 4255
  ———. ———. ———. ——— ——— ——— ——— ———: Report of committee to whom was referred bill to provide for further construction of, 4262

INTERNAL IMPROVEMENTS — Continued
  ———. ———. ———. ——— ——— — ——— — ———: Report on so much of governor's message as relates to internal improvement debt, 4263
  ———. ——— —. ———. ——— ——— — ——— — ———: Report of committee to whom was referred petition for lands for construction of Southern railroad, 4276
  ———. ———. ———. Select committee: Report on claims by contractors, 4319
  ———. ———. ———. ——— ———: Report on sale of works of internal improvement, 4344
  ———. ———. ———. Special committee: Report of committee to investigate proceedings of boards of internal improvement, 4372
  ———. ———: Memorial and resolutions, 3958
  ———. ——— ———. Senate. Committee on finance: Report of committee to whom were referred part of governor's message relating to finances including sale of public works, 4480, 4481
  ———. ———. ———. Committee to confer with the Governor: Report relative to mistakes in internal improvement bill, 4509
  ———. ———. ———. Committee on state affairs: Report relative to application for donations of lands for, 4673
  ———. ———. ———. Select committee: Report on five million loan and internal improvement fund, 4719
  [———. State land office: Report in compliance with request for information about amount of each appropriation of lands out of 500,000 acre tract], 5002
  Muskegon improvement commissioner: Report, 5518
  Woodbridge: Mss., 8051
  ———: Speech in support of bill to apply certain alternate sections towards completion of works of internal improvement, 7033
  See also Michigan. Board of internal improvement; Michigan. Legislature. House. Committee on internal improvement; Michigan. Legislature. Senate. Committee on internal improvement; River and harbor improvement; Sault Ste. Marie canal

Internal revenue association. Detroit branch
  National association of U. S. internal revenue officers, 2320

INTERNATIONAL JOINT COMMISSION
  Hearings in re remedies for pollution of boundary waters, 2321
  In matter of application of Mich. northern power co. for approval of methods and plans for diversion of waters of St. Mary's River, 2322
  ———— —.—— ———— — obstruction, diversion and use of waters of St. Mary's River, 2323
  Michigan northern power co.: Proceedings, 2324
  Opinion in application of Mich. northern power co for approval of lease, 2325
  Pollution of boundary waters, 2326
———— **mill and timber co.**
  Famous 50 Sterling system built houses, 2327
  Sterling system of home building, 2328
———— **union of steam engineers. Local no. 5, Detroit**
  Mich. engineers', electricians' and machinists' manual, 2329
———— **waterways commission**
  Report, 2330
Interstate and international waters, see Waters, pollution of
———— **board of Perry's victory centennial commissioners**
  Perry memorial and centennial celebration, 2331
———— **commerce**
  Shaw: Interstate commerce act, 6209
———— **directory co.**
  Mich. people in Los Angeles co., Cal., 2332
———— **publishing co.**
  History of Jackson co., 2155
Investment companies
  Michigan. Laws, statutes, etc.: Laws regulating, 3891
  ————. Securities commission: Bulletin, 4840
Invoices, see Business mss.
Ionia
  Board of education
    Manual and report, 2333
    Year book, 2334
  Directories
    Polk & co.: Directory, 5772
  Long: Present and future water supply, 2760
  Wright: Ionia in 1891, 7042
Ionia county
  Beers & co.: Atlas, 7471
  Berrien co.: [Papers relating to transfer of land in Berrien, Ionia and Ottawa cos.], 8242
  County school commissioner
    Directory and list of teachers, 2335
  Crawford: Atlas, 7472
  Dillenback: History and directory of Ionia co., 1515
  Everett: Memorials of Grand River valley, 1624
IONIA COUNTY—Continued
  Farm journal directory, 1643
  Map, by U. S. Postoffice dept., 7474
  Ogle & co.: Standard atlas, 7473
  Polk & co.: Directory, 5772
  Portrait and biographical album, 5835
  Schenck: History, 6155
Ionia reformatory, see Michigan. Building commissioners of the state house of correction; Michigan. Reformatory
Iosco county
  Gregory: Preliminary report on, 1990
Irish, B.
  Michigan. Legislature. House. Select committee: Report [of] committee to whom was referred claim of, 4320
Irish relief committee. Michigan
  Record book of contributions, 8130
Iron-bearing rocks
  Michigan. Geological survey: Upper Peninsula, 3576
—— **county**
  Inspector of mines
    Annual report, 2336
  Rogers' map, 7475
—— **industry and trade**
  [Brooks]: L'Anse, 451
—— **mines and mining**
  Allen: Iron River iron-bearing district, 56
  Bayley: Menominee iron-bearing district, 290
  Brooks: Analysis of cost and description of methods of mining employed in Marquette region, 448
  ————: Iron-bearing rocks, 449, 450
  Crowell and Murray: Iron ores of Lake Superior, 868
  Disturnell: Lake Superior guide, 1525
  Furnaces consuming L. S. ores; production of pig iron, by Mich. geological survey, 7827
  Ingalls: Iron mines of Menominee co., 2297
  Lake Superior iron, 2590
  Map of iron mines at Negaunee, by Mich. geological survey, 7826
  —— — Marquette iron region, by Mich. geological survey, 7829
  [—— —] Menominee iron range, by S. Chapman, 7831
  —— — Menominee iron region, by Mich. geological survey, 7830
  Michigan. Governor: Messages of H. S. Pingree; taxation of copper and iron mines, 3756
  ————. Legislature. House. Committee on state affairs: Report relative to reduction of specific tax imposed on corporations engaged in iron mining, 4230
  Mussey: Combination in mining industry, 5520
  Nursey: City of Escanaba, 5575
  ————: Menominee iron range, 5576
  Picturesque iron and copper mining, 5735

IRON MINES AND MINING—Continued
  Republic iron co.: Articles of association, 5949
  St. Mary's canal mineral land co.: Reports upon value of co's. lands in iron region, 6125
  Statistics of iron ore trade and iron mines, by Mich. geological survey, 7828
  Swineford: Annual review in Upper Peninsula, 6446
  ————: Appendix to history of Lake Superior iron district, 6450
  ————: History and review, 6447
  ————: Menominee iron range, 6448
  ————: History of Lake Superior iron district, 6449
  Tabular statement of copper and iron business of Lake Superior, 6451
  See also Mines and mineral resources
—— ore
  Chilton: Lake Superior iron, 670
  Clements: Crystal Falls iron-bearing district, 710
  Foster: Report on geology of Lake Superior land district, 1737
  Irving: Penokee iron-bearing series, 2342, 2343
  Michigan. Geological survey: Report in relation to iron ore on school section in Branch co., 3567
  Rominger: Geological report on Upper Peninsula, 6012
  Van Hise: Geology of Lake Superior region, 6743
  —— ——: Marquette iron-bearing district, 6745
  —— ——: Preliminary report on Marquette iron-bearing district, 6744
—— resources of Mich., 2337
—— River district
  Allen: Iron River iron-bearing district, 56
  History of silver mines, 2152
Iron River, see Quadrangle maps
Iron trade review
  Lake Superior iron ore shipments, 2338
Ironwood
  Charter, 2339
  Ordinances, 2340
Iroquois Indians
  Rochefoucault Liancourt: Travels through U. S., 5999
Irving, R. D.
  Copper-bearing rocks of Lake Superior, 2341
  Penokee iron-bearing series, 2342, 2343
  Williams: Greenstone schist areas of Menominee and Marquette regions, 6944
Irwin, R.
  Detroit and Milwaukee railroad co.: Mortgage, 1411
——, W. W.
  Annotations, supplemental to Howell's statutes, 2344
ISABELLA
  Polk & co.: Directory, 5767
Isabella county
  Fancher: History, 1633
  Hayes: Atlas, 7476
  Map, by U. S. Postoffice dept., 7477
  Portrait and biographical album, 5836
  Standard map co.: Atlas and farm directory, 7478
Isham, A. B.
  Historical sketch of 7th regiment, Mich. volunteer cavalry, 2345
——, E. S.
  Frontenac and Miles Standish in Northwest, 2346
——, F. S.
  History of Detroit light guard, 2347
Ishpeming
  Charter, 2348, 2349
  Directories
    Holland: Gazetteer of Marquette co., 2184
  Grace church
    Superior cook book, 2350
Isle Royale
  Adams: Ecological survey of, 7
  Coast chart no. 8; Lake Superior, by U. S. War dept., 7927
  Lane: Geological report, 2600
  Map, by S. W. Hill, 7874
Ives, L.
  Michigan. Legislature. House. Committee on roads and bridges: Report on memorial for authority to maintain bridge in Springwells, 4224

Jack-pine plains
  Beal: Experiments and observations on, 298
  Kedzie: Jack pine plains, 2478, 2479
Jackson, A. E. B.
  Backus and Jackson: Mss., 8053
————, C.
  Mss., 8113
————, C. T.
  Report on geological and mineralogical survey of mineral lands, 2351
  U. S. Congress. House. Committee on public lands: Mineral lands—sale of, 6654
  U. S. President: Message to 1st sess., 31st cong., 6685
————, E. H.
  Is Virginia entitled to compensation for cession of Northwest Territory, 2352
————, I. R.
  Life of W. H. Harrison, 2353
————, J. G.
  U. S. Congress. House. Committee on affairs in the Territory of Mich.: Report, 6658
————, O.
  Michigan. State teachers' association: Memorial, 5110

JACKSON, W. H.
- Backus and Jackson: Mss., 8053

Jackson
- Annual reports, 2354
- Bailey: Gazetteer and directory, including sketch business directory, 186
- Banks
  - Michigan. Legislature. House. Committee on incorporations: Report of committee to whom was referred petitions praying legislature to incorporate bank, 4087
- Chamber of commerce
  - Year book, 2355
- Charters
  - Charter, 2356-2359
  - See also Jackson. Ordinances, etc.
- Citizens
  - Petition for relief of J. W. Elliot, 2360
- City government
  - Michigan. Political science association: City government, 4792
- Common council
  - Proceedings, 2361
- Directories
  - Bards and co's. business directory, 226
  - Polk & co.: Directory, 5773
  - Polk, Murphy and co.: Directory, 5791
  - Thomas: Jackson city directory, 6522
- Jackson and Michigan plank road co.
  - Michigan. Legislature. Senate. Committee on roads and bridges: Report in reference to repeal of charter of Jackson and Michigan plank road co., 4657
- Jackson, Lansing and Saginaw railroad co.
  - Condition and prospects, 2371
  - Guide to lands for sale, 2372, 2373
  - Joy: Mss., 8136, 8138
  - Lands exempt from general taxation, 2374
  - Lands granted by state to railroad cos. exempt from general taxation, 2374
- Maps
  - Map, by J. S. Bird, 7730
  - ——, by H. Hart, 7729
  - State fair grounds, by J. B. Frost, 7731
- Mechanics
  - Michigan. Legislature. House. Committee on the state prison: Report of committee [to whom was referred memorial], 4214
- Ordinances, 2362
- Public library
  - Annual report, 2363
  - Catalogue, 2364
  - Finding list, 2365
  - List of books added, 2366
- Republican party. Michigan: Proceedings at celebration of 50th anniversary of birth, 5950
- ——— ———. ———: Under the oaks, 5951
- Young men's association library
  - Catalogue, 2367

JACKSON COUNTY
- Board of supervisors
  - Proceedings, 2368
  - Resolution in relation to swamp lands, 2369
- DeLand: History, 942
- Everts and Stewart: Combination atlas map, 7481
- History, 2155
- Map, by Geil and Jones, 7480
- ——, by State geologist, 7479
- ——, by U. S. Postoffice dept., 7483
- Memorial for disposition of swamp lands, 2370
- Ogle & co.: Standard atlas, 7482
- Polk & co.: Directory, 5773
- Portrait and biographical album, 5837

Jacobs, A. P.
- Digest of decisions of Supreme court, 2375-2377
- Reference digest of Mich. reports, 2378

Jacobsville
- [Map of] Jacobsville and vicinity, by U. S. Lake survey, 7732

Jaillot, [C. H. A.]
- Amérique septentrionale, 7079

James, J. A.
- Clark: G. R. Clark papers, 695
- ——— McMillan, 2379
- ——— Webber Peter, 2380

[——, U. P.]
- Routes of Missouri River, 2381

January, W. L.
- Detroit. Bar association: "John Marshall day," 976

Jaquith, Mrs. C.
- Collins: Sermon at burial, 744

Jarvis, J. W.
- Golden jubilee, African Methodist church, 2382

Jay, C. W.
- My new home in northern Mich., 2383

Jefferson, M. S. W.
- Dodge's geography of Mich., 2384
- Material for geography of Mich., 2385
- Note on expansion of Mich., 2386

———, T.
- MacNaul: Jefferson-Lemen compact, 2859
- Reply to speech of Indians concerning promises made at treaty of Greenville, 8431

Jeffery, J. A.
- Cement silos, 2387
- Corn improvement, 2388, 2389
- Corn, selecting, 2390
- Crop of corn, 2391
- Elementary laboratory study in crops, 2392
- ———. ——— ——— — soils, 2393
- Michigan. Dept. of public instruction: Juvenile corn growing associations, 3394
- Sandy soils of western and northern Mich., 2394
- Shaw: College farm buildings, 6212
- Soil moisture, 2395

JEFFERYS, T.
North America, from French of Mr. D'Anville, 7094

Jefferies, E.
Leeth: Short biography of J. Leeth, 2713

Jenison collection
Michigan. State library: Catalogue, 5030

Jenks, W. L.
First bank in Mich., 2396
Patrick Sinclair, 2397
St. Clair co., 2398
Sources of title to land in St. Clair co., 2399

Jennings, H. S.
List of rotatoria of Great Lakes, 2400
Rotatoria of U. S., 2401

Jennison, W.
Michigan. Courts: Revised rules, 3337

Jensen, O. F.
Composition and value of farm manures, 2402

Jerome, D. H.
[Messages and pardons], 3719-3724

Jesuits
Lac Svperievr et avtres lievx ou sont les missions des pères de la compagnie de Jesvs comprises sovs le nom d'Ovtaovacs, 7916
Potier: Jesuit ms., 5854
Verwyst: Missionary labors of Fathers Marquette, Ménard and Allouez in Lake Superior region, 6759
See also Missions and missionaries

Jews in Michigan
Heineman: Jewish beginnings in, 2097
See also Detroit. Woodmere cemetery. Jewish section

Jochim, J. W.
Michigan. Board of state canvassers: Papers in removal, 3227
———. Dept. of state: Mich. and its resources, 3509

Jodidi, S. L.
Organic nitrogenous compounds in peat soils, 2403

Johnson, Adna R., jr.
Michigan. University: What's what at Mich., 5224

———, Alvin J.
[Map of] Michigan and Wisconsin, 7248, 7250, 7253

———, B. W.
Industrial education in Northwest, 2404

———, Clifton
Highways and byways of Great Lakes, 2405

———, Crisfield
History of Allegan and Barry cos., 2146
——— — Berrien and Van Buren cos., 2150
——— — Branch co., 2406
——— — Hillsdale co., 2154

JOHNSON, S.
Experiments with wheat, 2407
Feeding experiments, 2408
Feeding steers, 2409-2411
Potato culture, 2412
Potatoes, 2413
Report of experiment in warming water for dairy cows, 2414
——— — ——— with potatoes and oats, 2415
Silos, 2416
Wheat, 2417

———, Waldo M.
Mss., 8115, 8116, 8119, 8121, 8122, 8123

———, William M.
Memorial for relief, 2418

Johnston, J. D.
Detroit city directory, 2419
[Map of] city of Detroit, 7629

Johnstone, R. F.
Agricultural education, 2420

Joint documents, see Michigan. Legislature

Joliet, L.
Winsor: Joliet, Marquette and LaSalle, 6994

Jones, D.
Journal of vistis to Indians on west side of Ohio River, 2421

———, F. G.
How $10 grew to $500,000, 2422

———, G. W.
Parish: G. W. Jones, 5637

———, H. G.
Jones: Journal of visits to Indians on west of Ohio River, 2421

[**———, I. T.**]
Address of president of Mich. federation of women's clubs, 2423

———, L. L., see Emmons and Jones

———, P.
History of Ojebway Indians, 2424

Joos, E.
O'Brien: "Le père juste", 5581

Journal of Pontiac's conspiracy, 2425
——— — survey of Lake Erie, 2426

Journals, see Manuscripts

Joy, J. F.
Detroit and Bay City railroad co.: Statement, 1394
Mss., 8136, 8138, 8139, 8143, 8144
Memorial in behalf of Mich. central railroad, 2427
Protest against homeopathic branch of university, 2428
Russell: J. F. Joy, 6049
To engineers to investigate bridging Detroit River, 2429

—— and Porter
Mss., 8136, 8143, 8144

[**Judd, C. H.**]
School survey, Grand Rapids, 2430

———, P. E.
Map of Mich., 7143

JUDGES
Howell: Mich. nisi prius cases, to which are added brief biographical sketches of, 2228
Judicial districts
Littlejohn: Memorial for division of 9th, 2752
——— system
[Campbell]: Judicial system [in middle West], 569
Judiciary
Chamberlain: State judiciary, 629
Michigan. Legislature. Senate. Committee on the judiciary: Report of committee to whom was referred part of governor's message which relates to reorganization, 4561
Judson, K. B.
Myths and legends of Mississippi valley, 2431
———, L.
Port Kalamazoo, 7953
June, C. M.
Palmer: Early days in Detroit, 5630
June beetle
Northrup: Bacterial disease in June beetle larvae, 5563
Junkin, J. H.
Roll of teachers and pupils of J. E. Scripps school, 2432
Justice
Michigan. Legislature. Senate. Select committee: Report of committee to which was referred bill to improve administration of justice, 4722
Justices of the peace
Donovan: Michigan justice's guide, 1536
Michigan. Legislature. House. Committee on the judiciary: Report on resolution respecting amendment to act to regulate and define powers, 4129
Tiffany: Treatise on powers and duties, 6542-6546
Juvenile clubs, see Boys' and girls' clubs
——— courts
Michigan. Laws, statutes, etc.: Laws relating to, 3849, 3893, 3921
——— offenders
Wayne co. Grand jurors: Presentment relative to house of refuge, 6829
See also Michigan. Industrial school for boys
Juveniles, see Children

Kalamazoo
Annual reports, 2433
Bailey: Gazeteer and directory, including sketch and business directory, 186
Board of education
Catalogue, 2434
Triennial exhibit, 2435
Centennial celebration, 2436

KALAMAZOO—Continued
Charters
Charter, 2437, 2438
See also Kalamazoo, Ordinances, etc.
City government
Michigan. Political science association: City government, 3792
College
Annual catalogue, 2449, 2451
Annual, 2450
Bulletin; catalogue number, 2451
College index, 2452
Haskell: Historical sketch, 2078
———: History, 2079
Historical catalogue, 2453
New course of study, 2454
Cooperative society
General rules, 2439
Directories
Bards and co's. business directory, 226
Polk & co.: Directory, 5774
Female college
Eurodelphian society
Annual exhibition, 2455
Fire and water dept.
Kalamazoo. Special committee: Concise history, 2448
[Gibbs]: Glimpses of early Mich. life, 1804
High schools
Delphian, 2440
History
Kalamazoo. Ladies' library association: Quarter centennial of settlement, 2442
Kalamazoo and Allegan railroad
Michigan. Legislature. House. Committee on internal improvement: Report relative to construction, 4103
Ladies' library association
Catalogue, 2441
Quarter centennial of settlement of Kalamazoo, 2442
Literary institute
Programme of elocutionary exercises, 2456
Map
Condensed street map by Mich. engineering co., 7733
Michigan female seminary, see Michigan female seminary
Nazareth academy, see Nazareth academy
Normal school, see Michigan. Western state normal school
Ordinances, etc.
Charter and ordinances, 2443
Public library
Catalogue, 2444
Public schools
Historical catalogue, 2445
List of books adapted for school use, 2446
[Ransom]: Historical address at, 5925
St. Augustine's church
Souvenir of dedication, 2447
Smit: Naar Amerika?, 6264

KALAMAZOO—Continued
- Special committee
  - Concise history of Fire and water dept., 2448
- Theological seminary
  - Anniversary exercises, 2458
  - Catalogue, 2459
  - Kalamazoo college: Historical catalogue, 2453
  - Sherwood rhetorical society
    - Anniversary exercises, 2460

Kalamazoo county
- Beers & co.: Atlas, 7485
- Burnham: Rural school efficiency in, 500
- Cass: Address before Kalamazoo co. agricultural society, 605
- [Durant]: History, 1562
- Illustrated atlas, 7486
- Kalamazoo co. directory with history, 2461
- Maley: Atlas, 7489
- Map, by Geil & Harley, 7484
- ——, by U. S. Postoffice dept., 7488
- Ogle & co.: Standard atlas, 7487
- Polk & co.: Directory, 5774
- Portrait and biographical record, 5838
- Thomas: Kalamazoo co. directory, 6523

Kalamazoo normal record, 2457

Kalamazoo River
- Michigan. Governor: Special message returning without signature act for improvement, 3654
- ————. Legislature. Senate. Select committee: Report on bill to authorize improvement, 4723

Kalamazoo state hospital, see Michigan. Kalamazoo state hospital

Kalkaska
- Polk & co.: Directory, 5763

Kalkaska county
- Buckley and Douglas lumber co.: Few facts about farm and fruit lands, 482
- [Map of] Kalkaska co., [by H. J. Frost], 7490
- Stearns salt and lumber co.: Kalkaska and Antrim cos. and their farm lands, 6387
- Traverse region, 6580

Kale
- Taft: Potatoes. Kale, 6471

[Kaler, J. O.]
- At siege of Detroit, 2462
- Benjamin of Ohio, 2463

Kane, G. F.
- Myths and legends of Mackinacs, 2464

Kansas
- Kansas City, St. Joseph and Council Bluffs railroad
  - Joy: Mss., 8136
- Kansas-Nebraska issue
  - Republican party. Michigan. State central committee: State and national finances, and Kansas policy, 5957

KANSAS—Continued
- Legislature
  - Michigan. Governor: Communication transmitting memorial relative to destitution of people, 3676
  - ————. Legislature. Senate. Select committee: Report of committee to whom was referred so much of governor's message as relates to affairs of Kansas, 4724

Kassabian, N. H.
- Armenians and their colony in Grand Rapids and western Mich., 2465

Kauffman, C. H.
- Pollock: Mich. fungi, 5792

Kawkawlin
- Bailey: Gazeteer and directory including sketch and business directory, 186

Kean, R.
- Petition to court for recommendation for license to keep tavern, 8432

Kearsley, J.
- Michigan. Legislature. House. Committee on claims: Report of minority relative to claim, 4009
- ————. —————. ———. Select committee: Report on claim, 4322
- [————. University. Board of regents. Executive committee: Letter to Gov. Felch], 5247

Keating, W. H.
- Travels in interior of North America, 2466

Kedzie, R. C.
- Analysis of commercial fertilizers, 2467
- Beet sugar, 2468
- Chemical composition of cornstalk and ensilage, 2469
- Commercial fertilizers, 2470, 2471
- Composition of wheat and straw, 2472
- Early amber cane, 2473
- Fertilizer analyses, 2474
- Historical review of legislation relating to inspection of oil, 2475
- Illuminating oils, 2476
- Influence of sawdust on potable and culinary water, 2477
- Jack pine plains, 2478, 2479
- Management of swamps, 2480
- Manurial value of ashes, 2481
- Marl, 2482
- Michigan alumnus; vol. VIII, 5362
- ———— soils, 2483
- Report on water supply of Mich., 2484
- ——— — labelling medicines, 2485
- Smith: Sugar beets, 6287
- ——: Sugar beets in 1897, 6288
- Sugar beets, 2486
- Wheeler: Sketch of original distribution of white pine in Lower Peninsula, 6888
- Work of State board of health, 2487

Keeler, F. L.
- Michigan. Dept. of public instruction: Course of study, 3377, 3379
- ————. ——. — ——— ————: Educational institutions, 3383

KEELER, F. L.—Continued
——— . ——— . — ——— ———:
Explanations of school laws, 3385
——— . ——— . — ——— ———:
Five lessons on tuberculosis, 3389
——— . ——— . — ——— ———:
Manual of schoolroom equipment, 3403
——— . ——— . — ——— ———:
Memorial day, 3408
——— . ——— . — ——— ———:
Rural schoolhouses, 3423
——— . ——— . — ——— ———:
Safety first, 3424
——— . ——— . — ——— ———:
Why Mich. is great, 3461
Keenan, S. M.
History of Eloise, 2488
Keep, H. E.
Guide to Detroit, 2489
Keith, H. E.
Historical sketch of internal improvements, 2490
Kelley, D. W.
Daboll: Past and present of Clinton co., 905
———, P. H.
Michigan. Dept. of public instruction: Course of study, 3375
——— . ——— . — ——— ———:
Suggestions for manual training, 3444
Speech [relative to automobile industry and proposed tax on it], 2491
Kellogg, J. H.
Battle Creek sanitarium diet list, 2493
——— ——— ——— system, 2494
Michigan. Dairy and food commissioner: Foods, 3347
New method in diabetes, 2495
Report concerning diphtheria, 2492
———, L. P.
Capture of Mackinac, 2496
Early narratives of Northwest, 2497
——— toasted corn flake co.
Little journey to the home of, 2498
Kelsey, F. W.
Michigan. Schoolmasters' club: List of books recommended for a high school classical library, 4838
Some archeological forgeries from Mich., 2499
Kelton, D. H.
Annals of Fort Mackinac, 2500-2513
History of Sault Ste. Marie canal, 2514
Indian names and history of Sault Ste. Marie canal, 2515
Kendall, C. N.
Michigan, 7326
———, F. M.
Michigan, 2516, 2517
Kennedy, S.
Magnetic and mineral springs, 2518
Kent, C. A.
Brown: Memoir consisting of autobiographical sketch with additions by, 468
KENT, C. A.—Continued
Michigan. Political science association: City government, 4792
———. University: Memorial discourses; address by, 5194
———, Capt. W.
Mss., 8180
Kent county
Belden & co.: Illustrated atlas, 7493
Board of superintendents of the county poor
Annual report, 2519
Board of supervisors
Manual, 2520
Petition for extension of time for construction of canal around Grand Rapids, 2521
Proceedings, 2522
Resolutions requesting select committee on Grand Rapids canal to visit and examine canal, 2523
City of Grand Rapids and, 680
Civic club of Grand Rapids: Report on sheriff's office, 686
Currier: List of shell-bearing mollusca, 882
Everett: Memorials of Grand River valley, 1624
Farm journal directory, 1644
History, 2156
History and directory, 2142
Innes and Tinkham's map, 7491
Map, by E. M. Harney and G. A. Randall, 7492
——, — Hunter and Van Valkenburg, 7497
[——], — Mich. geological survey, 7496
——, — Rockford register, 7501, 7502
——, — Rand, McNally & co., 7500
——, — U. S. Postoffice dept., 7499
[—— of part of] township no. 6 N. R. 2 W., 7504
Murphy & co.: Grand Rapids city and Kent co. directory, 5509
Ogle & co.: Standard atlas, 7498
Polk & co.: Directory, 5769
——— ———. Illustrated historical atlas, 7494, 7495
Pomona grange no. 18
Year book, 2524
Primaries
Michigan. Political science association: Papers and addresses on primary reform, 4794
Primary election law, 2525
Rural mail directory co.: Directory, 6045
Supervisors, see Kent co. Board of supervisors
Township map, 7503
Union publishing co.: Business and professional directory, 6617
Wilcox: Report on sheriff's office, 6927
Kenyon co.
Highway map of Mich., 7371
Map of Mich., 7364

KERCHEVAL, B. B., Estate
Bank book, 8433

Kerler family
Frank: Pionierjahre der familien Frank-Kerler, 1748

Kerosene emulsion
Cook: Kerosene emulsion, 792, 793

Keweenaw Bay
Keweenaw Bay, by U. S. War dept., 7894
Portage Lake and River, with part of Keweenaw Bay, by U. S. War dept., 7911

Keweenaw county
Farm and business directory, 1635
Grouped cross sections illustrating stratigraphical relations between Houghton and Keweenaw cos., by Mich. geological survey, 7778
Michigan. Legislature. House. Committee on towns and counties: Report relative to organization of four additional townships, 4243
Mining companies: Petitions for organization of townships, 5456
Remonstrances of residents against organizing four new townships, 2526
Vivian: Remonstrance against organization of new townships, 6768

———— fault
Lane: Keweenaw fault, 2602

———— Peninsula
Coast chart no. 4; Lake Superior, by U. S. War dept., 7928

———— Point
Geological map of trap range, by W. H. Stevens, S. W. Hill and C. P. Williams, 7783
Hubbard: Keweenaw Point, 2251

———— series
Lane: Keweenaw series, 2603
Wadsworth: On relation of "Keweenawan series" to eastern sandstone in vicinity of Torch Lake, 6773
————: South trap range, 6776

Kibbie, P.
Woodbridge: Memorial for relief against taxes and other burthens in 9th ward, Detroit, 7032

Kidd, J. H.
Mich. cavalry brigade in Wilderness, 2527
Personal recollections of cavalryman, 2528

[Kimball, C.]
Summer's vacation, 2529

King, F.
Prose and verse for use on "Forestry day" programs, 2530

——, John E.
Hubbard and King: Mss., 8121

——, John L.
Trouting on the Brulé River, 2531, 2532

——, Julia A.
Government of people of Mich., 2533, 2534

KING, N. G.
Speech advocating appointment of commissioners to prepare code of procedure and simplify proceedings in courts, 2535
Speech on motion to strike out proposed amendments to constitution, 2536

——, P. H.
Michigan. Constitutional convention: Handbook, 3323
————. ———— ————: Journal, 3324

——, S. J.
King's official route guide, 2537
Motor guide and league: Blazing the way, 5493

Kingsbury, S. O.
Memorial asking certain legislation on Grand Rapids canal, 2538

Kingsley
Polk & co.: Directory, 5763

Kinzie, J. A.
Wau-bun, 2539-2541

Kipling
Polk & co.: Directory, 5767

Kirchner, O.
Local self-government, 2542
Michigan. State board of health: Opinions relative to duties and compensation of health officer, 4902

[Kirkland, Mrs. C. M.]
Forest life, 2543, 2544
New home, who'll follow, 2545-2549
Our new home in West, 2550
Western clearings, 2551, 2552

Kirtland, T.
Diary, 2553

Kitchel, H. D.
Law of reform, 2554

Kitchi-gami
Kohl: Kitchi-gami, 2575

Kitchin, T.
New and accurate map of British dominions in America, 7101

Kittredge, Rev. F. E.
[Harford]: Life and services of J. Walker, 2040

Knapp, E. A.
Michigan. Legislature. House. Committee on the judiciary: Report upon petition, 4139

———, H. S.
History of Maumee valley, 2555

———, J. I.
Illustrated history and biographical record of Lenawee co., 2556

Knapper, L.
Vitality of garden seeds, 2557

Knight, G. W.
History and management of land grants for education, 2558

———, J.
Emigrant's best instructor, 2559

Knights of Columbus. Grand Rapids
Opening of new home, 2560

———— of labor
Manual, 2561

KNIGHTS OF THE MACCABEES
Boynton: Maccabees, history of Knights of, 420
Jubilee souvenir, 2562
——— **of Pythias**
Michigan. Grand lodge
Proceedings, 2563
———. Olympic lodge no. 1
Constitution and by-laws, 2564
——— **of St. John, Mich.**
Annual military day, 2565
——— **Templars, see Freemasons**
Koch, F. K. L.
Deutschen colonien in Saginaw flusses, 2566
Mineral-gegenden der Vereinigten Staaten, 2567
——, **T. W.**
Ann Arbor art association: Exhibition of Oriental and American art; catalog by, 97
Enlargement of university library, 2568
Four needs of university library, 2569
Handbook of libraries of U. of M., 2570
Library assistant's manual, 2571
Michigan. University. Library: Library staff manual, 5295-5297
———. ———. ———: U. of M. library, 5299
Summer library school at U. of M., 2572
[Union catalogs], U. of M., 2573
Kohl, J. G.
Kitchi-gami, 2575
Reisen im Nordwesten, 2576
Kolts, M. J.
City guide and directory, Grand Rapids, 2577
Kolyn, A. S.
Book of words of pageant of Hope, 2578
[**Krause, H.**]
Dublin, Manistee co., 2579
Kundig, M.
Exposition of facts relating to certain charitable institutions, 2580

Labadie, J. A.
Scott: Jaunt along River Rouge, 6192
Labor and laboring class
Flaherty: History of Grand Rapids furniture strike, 1705
Michigan. Board of internal improvement: Communication from acting commissioner on Central railroad relative to labor on, 3176
———. ———. ———. ———: Communication relative to state of labor on Southern railroad, 3179
———. Bureau of labor and industrial statistics: Annual report, 3241
———. ———. ———. ———: Annual report of inspection of factories, 3242
Michigan central railroad employees' mutual relief association: Proceedings of 1st annual meeting, 5383

LABOR AND LABORING CLASS—Continued
Michigan. Dept. of labor: Act creating dept., 3351
———. ———. ———: Annual report, 3353
———. ———. ———: Sections of act relating to employment of females and minors, 3352
———. Employers' liability and workmen's compensation commission: Report, 3529
———. Federation of labor: Official year book, 3536
———. ——— ———: Report of proceedings, 3537
———. ——— ———: Souvenir program, 3538
———. Housing commission: Report, 3811
———. Laws, statutes, etc.: Act creating dept. of labor, 3896
———. ———, ———, ———.: Law relating to inspection of factories, 3859
———. ———, ———, ———.: Laws relating to labor, 3897
———. ———, ———, ———.: Mich. employers' liability, 3858
———. ———, ———, ———.: Workmen's compensation law, 3941
———. Legislature. Senate. Committee on roads and bridges: Report in relation to highway labor, 4655
———. State commission on industrial and agricultural education: Report, 4954
———. State court of mediation and arbitration: Report, 4955, 4956
———. State library. Legislative reference dept.: Laws relating to minimum wage for women and minors, 5057
U. S. Dept. of labor: Mich. copper district strike, 6664, 6665
Vaughan: Healthy homes and foods for working classes, 6754
Webber: Labor in relation to production of wealth, 6842
See also Convict labor; Independent labor party; Mechanics' and laboring men's cooperative associations
Lactic bacteria
Northrup: Influence of acid-destroying yeasts, 5564
[**Lacy, A. J.**]
Observations on court of domestic relations for Wayne co., 2581
——, **F. D.**
Star lake romance, 2582
Ladd, S. B.
Pumpelly: Copper district in Upper Peninsula, 5894
Ladies' industrial school association, Detroit
Annual report, 2583

LADIES OF THE MACCABEES. Michigan. Ypsilanti hive no. 621
Historical souvenir, 2584
——— **Protestant orphan asylum, Detroit**
Articles of association, 2585

Laflin & co.
Need of national law to regulate size of mesh of nets on Great Lakes, 2586

Lake, D. J.
Atlas of Allegan co., 7410
—— — Barry co., 7418
—— — Branch co., 7428
—— — Cass co., 7437
—— — Clinton co., 7443
—— — St. Joseph co., 7561
—— — Van Buren co., 7572

Lake county
Buckley and Douglas lumber co.: Few facts about farm and fruit lands, 482
[Swigart]: Swigart tract in, 6445
—— **Erie**
Brown: Views on Lake Erie comprising account of conflict on, 471
Journal of survey of south shore, 2426
[Lees]: Journal, 2711
Maps
Carte du Detroit et partie du Lac Erie, 7377
Region tributary to Detroit and Miami town, 7376
West end, by U. S. War dept., 7878
See also Great Lakes and Great Lakes region
—— —— and River Raisin railroad co.
Michigan. Legislature. House. Committee on banks and incorporations: Report, 3991, 3992
—— gems of Oakland, 2587
—— **Huron**
Gordon: Wave cutting on west shore of, 1830
Maps
Coast chart no. 1, by U. S. War dept., 7893
—— ——— no. 2, by U. S. War dept., 7890
—— ——— no. 3, by U. S. War dept., 7892
General chart, 7888, 7889
General chart, by U. S. War dept., 7891
Saginaw Bay and part of Lake Huron, by U. S. War dept., 7913
Sketch of confluence or streigts between lakes Huron and Mich., 7974
South end, by U. S. War dept., 7887
Morton: Lake Huron and country of Algonquins, 5490
Russell: Geological reconnaissance along north shore, 6050
Scenes, 6151
[Thompson]: Remarks on maps from St. Regis to Sault Ste. Marie, 6525
U. S. Lake survey: Lake Huron, 6675
See also Great lakes and Great Lakes region

LAKE HURON SHORE
History, 2157
—— **Michigan**
Maps
Chart of inland route of navigation, by U. S. War dept., 7906
Coart chart no. 5, by U. S. War dept., 7904
—— —— no. 6, by U. S. War dept., 7902
—— ——— no. 8, by U. S. War dept., 7908
General chart, by U. S. War dept., 7905
Lake Mich., by Great Britain, admiralty, hydrographic office, 7901
Manitou passage, by U. S. War dept., 7907
Michigan east coast resort region, by Pere Marquette railroad co., 7392-7394
North end, by U. S. War dept., 7898, 7903
——— —— of Lake Mich., by U. S. War dept., 7900
Northeast end, by U. S. War dept., 7899
Morton: Lake Michigan and French explorers, 5491
Neill: Critical period for French traders, 5534
Nelson: Fisheries of Chicago and vicinity, 5536
Niles: Military government of district of Lake Michigan, 5546
Rathom: Two Chicago sketches, 5928
Reed: Dune country, 5936
Russell: Geological reconnaissance along north shore, 6050
Scates: Pocket cruising book for Lake Mich., 6149
U. S. Lake survey: Lake Michigan, 6676
—. —. National park service: Report on proposed sand dunes national park, 6677
Ward: Biological examination, 6799
See also Great Lakes and Great Lakes region
——— ———— **transit co.**
Charter and by-laws, 2588
—— **Nipissing**
Burton: Journal of trip in 1904, 8272
—— **Odessa**
Polk & co.: Directory, 5772
—— **pilots' handbook**
Trimble: Lake pilots' handbook, 6584
—— **St. Clair**
Baltimore Bay, 212
Grosse Pointe. Naming of Lake St. Clair, 1994
Jennings: List of rotatoria of Great Lakes, 2400
Maps
Carte du Detroit et partie du Lac Erie, et du Lac St. Claire, 7377
Chart, by U. S. War dept., 7914
Marsh: On cyclopidae and calanidae, 2896

LAKE St. CLAIR—Continued
Pieters: Plants of Lake St. Clair, 5730
Reighard: Biological examination, 5943
[Thompson]: Remarks on maps from St. Regis to Sault Ste. Marie, 6525
U. S. Lake survey: Lake Huron, St. Clair River, Lake St. Clair, 6675
See also Great Lakes and Great Lakes region
— **shore**
Sprague: Saginaw valley and lake shore business gazetteer and directory, 6370
——— ——— **disease**
Smith: Grand Traverse disease, 6276
——— ——— **horticultural association,** see Western Michigan lake shore horticultural association
——— ——— **and Michigan southern railway co.**
Annual report, 2589
Condensed profiles, 8007
Detroit. Recorder's court: Petition for separation of grades, 1338
Joy: Mss., 8138
Railway panoramic guide, 5906
Romeyn and Lockwood and Clark: Mss., 8046
——— **Superior and Lake Superior mines, region, etc.**
Adams: Ecological survey of Isle Royale, 7
Alexander: Log of North shore club, 41
Beard's directory and history of Marquette co., 322
Brooks: Analysis of cost and description of methods of mining in Marquette region, 448
———: On use of magnetic needle, 452
Carnahan: Development of Lake Superior copper mines, 580
Chilton: Lake Superior iron, 670
Copper mines of, 834
Crowell and Murray: Iron ores of Lake Superior, 868
Disturnell: Lake Superior guide, 1525
Duffield: Angelique, 1554, 1555
Duluth, south shore and Atlantic railway. Passenger dept.: Along south shore of Lake Superior, 1559
Foster: Report on geology and topography of Lake Superior land district, 1736, 1737
[Hager]: Ancient mining on shores of, 2010
Houghton: Mineral region of Lake Superior, 2213
———: Reports on mineral region of south shore, 2214
Iron trade review: Lake Superior iron ore shipments, 2338
Irving: Copper-bearing rocks, 2341
Koch: Mineral-gegenden der Vereinigten Staaten, 2567
Kohl: Kitchi-gami, 2575
Lake Superior iron, 2590
Lanman: Summer in wilderness, 2618

LAKE SUPERIOR AND LAKE SUPERIOR MINES, REGION, etc.—Continued
Lawton: Review of Lake Superior copper mining, 2697
Maps
  Bayfield's North America, sheet IV: Lake Superior, 7915
  Chapman's sectional map of region around Lake Superior, 7400
  Chart, by U. S. War dept., 7923
  Coast chart no. 1; east end, by U. S. War dept., 7926
  ——— ——— no. 3, by U. S. War dept., 7924
  ——— ——— no. 4, — —. —. ——— ———., 7928
  ——— ——— no. 5, — —. —. ——— ———., 7930
  ——— ——— no. 6; west end, by U. S. War dept., 7929
  ——— ——— no. 8, by U. S. War dept., 7927
  Colton's Lake Superior and Upper Peninsula, 7921
  Farmer's map, 7919, 7920
  General chart, by U. S. War dept., 7925
  Geological map of Lake Superior land district, by J. W. Foster and J. D. Whitney, 7808
  ——— ——— of district between Keweenaw Bay and Chocolate River, [by J. W. Foster and J. D. Whitney], 7809
  Lac svperievr, 7916
  Lake Superior chart no. 2, by U. S. War dept., 7922
  Map of Lake Superior mine, Marquette co., by Mich. geological survey, 7835
  Plan of north shore, from Bayfield's chart, 7917
  Sailing chart of south shore, from surveys by T. S. Thompson, 7918
  Section and diagram illustrating geology of region between north shores of lakes Superior and Michigan, [by J. W. Foster and J. D. Whitney], 7810
  Township map of Lake Superior region, 7401
Massingham: Lake Superior and other poems, 2918
Mining journal co.: 1st annual review of copper mining industry, 5457
Moore: Discoverers of Lake Superior, 5476
Mussey: Combination in mining industry, 5520
Neill: Critical period for French traders, 5534
Pettit: Remarks respecting copper district of, 5728
Pitezel: Lights and shades of missionary life, 5748, 5749
Ralph: Along bowstring or south shore of Lake Superior, 5909, 5910

LAKE SUPERIOR AND LAKE SUPERIOR MINES, REGION, etc.—Continued
———: Lake Superior along south shore, 5907, 5908
Rickard: Copper mines of, 5978
St. John: True description of Lake Superior country, 6115
St. Mary's canal mineral land co.: Reports upon value of co's lands, 6125
Scenery of, 6150
Shields: Rustlings in rockies, 6235
Smith: Prehistoric and modern copper mines, 6312
Swain: Letters to mother giving description of voyage to Canada and adventures at Lake Superior, 6439
Sweetser: Tourists' and invalids' guide to Northwest, 6442
Swineford: Appendix to history of Lake Superior iron district, 6450
————: History of Lake Superior iron district, 6449
Tabular statement of copper and iron business of, 6451
Thayer: From Vermont to Lake Superior, 6517
Tipton: Tourist and investor, 6547
U. S. President: Message in relation to removal of Chippewa Indians from mineral lands of, 6684
U. S. Treasury dept.: Surveys of public lands, 6690
—. —. War dept.: Mineral lands on Lake Superior, 6695
Van Hise: Geology of region, 6743
Whittlesey: Ancient mining on shores of, 6916
————: Railway connections with Lake Superior, 6919
Williams: Hon. Peter White; biographical sketch of Lake Superior iron country, 6955, 6956
Winchell: Crucial points in geology of region, 6991
Wright: Where copper was king, 7045
See also Great Lakes and Great Lakes region; Mines and mineral resources; Upper Peninsula

Lake Superior mining institute
Proceedings, 2592

—— ———— **railroad**
Drake: Lake Superior railroad, 1544
———: Memorial asking assent by Mich. to act of incorporation of Wisconsin necessary to authorize company to construct roads in Mich., 1545, 1546

—— ———— **ship canal, railway and iron co.**
450,000 acres of land in Upper Peninsula, 7869

—— **tours,** see Detroit and Cleveland steam navigation co.

LAKES
Henry: Mss. for survey, 8168
Lakes of North America, 2591
Michigan. Legislature. House. Committee on ways and means: Chairman of committee to whom was referred so much of governor's message as relates to lake harbors and commerce, 4264
See also Northwestern lakes

Lambs, see Sheep

[Lamport, W. W.]
Mich. poets, 2593

Lamson, D. H.
Sanitary condition of school buildings, 2594

Lancaster family
Detroit tribune: [Scrap-book], 1491

Land, J. E.
Historical and descriptive review of industries of Grand Rapids, 2595
———— —— ———— ——— — — ———— — Bay City, 2596

Land
Adams: Land book, 8206
Allegan co. Citizens: Petition to confer public lands on G. R. and I. R. R., 51
Allegan land co.: Sales book, 8211
Amboy, Lansing and Traverse Bay railroad: Petition for grant of lands, 81
Askin: Inventory book, 8221
———: Mss., 8037, 8130
Au Sable and northwestern railway co.: Gateway to home, 162
Avery: Overflowed lands on Maple River, 165
Backus and Jackson: Mss., 8053
Batchewanung land and mining co.: Certificate stub-book, 8238
———— —— —— ——— —.: Record book, 8239
Berrien co.: [Papers relating to transfer], 8242
Bliss: Federal land grants for internal improvements, 388
Britton and Gray: Ontonagon and state line and Marquette and state line land grants, 443
Buckley and Douglas lumber co.: Few facts about farm and fruit lands, 482
Burton: Frustrated land grab, 524
Cadillac mss.: Archives judiciaires du dist. Québec, 8278
Cheboygan realty co.: Land of opportunity, 653
Detroit and Milwaukee railroad co.: Petition for grant, 1413
Felch: Indians of Mich. and cessions of lands, 1675
———: Mss., 8154
Ferry: Justice to Mich. Indians, 1692
Gibson and Williams: Mss., 8118
Grand Rapids and Indiana railroad co. Agricultural and industrial dept.: Acres of opportunities, 1945
Hall: Early history of northwestern states, with land laws, 2013

LAND—Continued
Howard: Mss., 8044, 8055
Hubbard: Catalogue of lands for sale, 2242
———: Mss., 8119
Hubbard and King: Mss., 8121, 8123
Jackson: Mss., 8113
Johnson and Miller: Mss., 8116
Mackinac City co.: Title to lands, 2856
Maps
  Cadillac tract, by Rand, McNally & co., 7846
  Lake Superior ship canal, railway and iron co.: 450,000 acres of land in Upper Peninsula, 7869
  Lands of J. B. Goodman and others in Delta co., 7855
  Map of farm, garden and lawn of M. A. C., by R. C. Carpenter, 7858
  —— — Flint and Pere Marquette railway co's. lands in Mich., 7849
  —— — Fort Ponchartrain and vicinity showing lands possessed near fort, 7853
  —— — Gladwin and Clare co. lands, 7854
  —— — lands of Flint and Pere Marquette railway in Saginaw region, 7850
  —— — Mich. showing state lands [by J. F. Nellist], 7355
  —— — Mo., Ill., Iowa and Wis., Territory of Minn., and mineral lands of Lake Superior, by J. S. Drake, 7868
  —— — part of mineral lands adjacent to Lake Superior, by U. S. War dept., 7859
  —— — original swamp areas of Lower Peninsula, 7857
  —— showing land districts, public lands sold, 7862
  —— ——— lands of St. Mary's Falls ship canal co., 7863-7866
  —— ——— location of lands belonging to Detroit, Mackinac and Marquette railroad co., by E. Molitor, 7847
  —— ——— Duncan lands on Mackinac Straits and Cheboygan River, by P. L. Fox, 7848
  Plan of private claims in Mich. Territory as surveyed by A. Greeley, 7860
  Plat of survey of land for military purposes around Fort Brady, by G. C. Westcott, 7851
  —— A. B. Woodward's property on turnpike, 7870
  Private claims at Michilimackinac surveyed by J. Millet, 7861
  True copy of plot of military reservation at Ft. Gratiot, 7852
  Upper Peninsula [showing state lands], by J. F. Nellist, 7867
Michigan. Acting commissioner on state buildings: Communication, 2973

LAND—Continued
——. Attorney general's office: Laws of U. S. granting lands to Mich., 3065
——. Auditor general's office: Communication relative to expenses for advertising and selling lands delinquent for taxes, 3099
[——. —— ——: Statement relative to estimated expenses of publishing notice of sale], 3150
——. Board of internal improvement: Report [in reply to resolution to ascertain amount of outstanding obligations against land granted by Congress], 3195
——. Governor: Message transmitting communication from J. Mullet relative to relocations of certain lands, 3604
——. ——: Special message with documents, 3627
——. ——: Special message, 3630
——. Legislature. House. Committee on federal relations: Report [relative to amount of land received from U. S.], 4067
——. ——. ——. Select committee: Report on land appropriations, 4323
——. ——. ——. ——: Report on land grants by Congress, 4324
——. ——. Senate. Committee on the judiciary: Report of committee to whom was referred resolution of enquiry into exempting real estate from sale on account of debt, 4567
——. ——. ——. Committee on lands returned delinquent for taxes: Report of committee to whom was referred resolution in relation to repeal of laws which require return of lands delinquent for taxes, 4592
——. ——. ——. Committee on state affairs: Report of committee [to whom was referred petitions for law for appraisal of damages for lands flowed by mill dams], 4674
——. State Library. Legislative reference dept.: Public lands and forest protection, 5066
——. (Ter.) Commission on land titles: Governor and judges journal, 5331
——. —— Governor and judges: Report, 5333
Miscellaneous mss., 8126
North American mineral land co.: Prospectus, 5556
Northeastern Mich. development bureau: Land of undeveloped possibilities, 5558
Northeastern Mich. realty co.: Northeastern Mich., 5559

LAND—Continued
Pine lands and lumber trade, 5742
Romeyn and Lockwood and Clarke: Mss., 8046
Saginaw valley land, salt and mineral co.: Prospectus, 6100
St. Helen development co.: Land of opportunity, 6114
[Sibbald]: True history of fraudulent land entries within limits of Ontonagon and state line railroad grant, 6242
Sibley: Mss., 8173, 8175
Smith: Western land office, Detroit, 6309
Stearns salt and lumber co.: Kalkaska and Antrim cos., 6387
[Swigart]: Tract in Mason, Manistee, Lake and Wexford cos., 6445
Trowbridge: Mss., 8107, 8204
U. S. Congress. House. Committee on affairs in the Territory of Mich.: Report, 6658
—. —. Treasury dept.: Letter transmitting statement of lands sold northwest of Ohio River, 6688
Van Dyke and Emmons: Mss., 8043
Waterman: Mss., 8133
Wing: Land books, 8622
——: Mss., 8067, 8120
See also Canal lands; Conveyancing; Deeds; Drowned lands; Federal lands; Indian lands; Internal improvement lands; Marl: Michigan. Legislature. House. Committee on public lands; Michigan. Legislature. House. Committee on university and school lands; Michigan. Legislature. House. Committee for appraisal of university and state building lands; Michigan. Legislature. House. Committee on university, school and state lands; Michigan. Legislature. Senate. Committee on public lands; Michigan. Public domain commission; Michigan. State land office; Mineral lands; Overflowed lands; Preemption law; Public lands; Railroad lands; Real estate; Salt spring lands; Sault Ste. Marie. Seigniory; School lands; State building lands; State lands; Swamp lands; Tax lands; Tax titles; U. S. General land office; U. S. Land; U. S. Land office, Detroit; University lands
—— **office,** see Michigan. State land office; Michigan. Public domain commission

Landon, H.
Michigan. Legislature. Senate. Committee on state affairs: Report on petition for extension of time for collection of taxes for 1839, 4686

Land snails, see Snails

Lane, A. C.
Coal, 2597
Fossils of the Marshall and Coldwater, 2598
Geological report on Huron co., 2599
———— ———— — Isle Royale, 2600

LANE, A. C.—Continued
Geology of lower Mich., 2601
Gordon: Geological section from Bessemer down Black River, 1831
Keweenaw fault, 2602
———— series, 2603
Leverett: Alcona co., 2722
Limestones, 2604
Lower Mich. mineral waters, 2605
Map showing geological formations and contours of rock surface of Southern Peninsula, 7786
Michigan. Geological survey: Coal in lower Mich., 3561
————. ———— ————: Report, 3571
Northern interior coal field, 2606
Salt water in lake mines, 2607
Summary of surface geology, 2608
Theory of copper deposition, 2609
Water resources of Lower Peninsula, 2610
[——, **D.**]
Soldier's diary, 2611
——, **R. W.**
H. Ford's own story, 2612
——, **W. A.**
Homer and its pioneers and business men, 2613

Lang, G. E.
Pocket road map, Monroe co., 2614

Lange, D.
Silver Island of the Chippewa, 2615
———, **H.**
Der staat Mich., 7228

Lanman, C.
Life of W. Woodbridge, 2616
Red book of Mich., 2617
Summer in wilderness, 2618
————, **J. H.**
History of Mich., civil and topographical, 2619
History of Mich., from earliest colonization, 2620-2625

L'Anse
[Brooks]: L'Anse, 451
[Map of] L'Anse, by U. S. Lake survey, 7734
——— **Creuse**
Detroit. Ste. Anne's church. Exterior parishes: Registre, 8330

Lansing
African Methodist Episcopal church
Jarvis: Golden jubilee, 2382
Annual reports, 2626
Art exhibition, see Lansing. Loan exhibition
Associated charities
Report, 2627-2630
Bailey: Gazeteer and directory including sketch and business directory, 186
Banks, see Lansing. City national bank
Blair statue
Patton: Address at unveiling, 5674
Board of education
Announcement, 2631
Rules and regulations, 2632-2635

LANSING—Continued
- Central Methodist Episcopal church
  - Directory, 2636
- Chapter. D. A. R., see Lansing. Daughters of the American revolution
- Charities, see Lansing. Associated charities
- Charters
  - Charter, 2637-2644
  - See also Lansing. Ordinances, etc.
- Choral union
  - May musical festival, 2645
- City national bank
  - Business letter, 2646
- Coal co.
  - Michigan. Commissioners on incorporation of the Lansing coal co.: Memorial, 3286
- Common council
  - Revised rules, 2647
- Congregational church, see Lansing. Plymouth church
- Daily state Republican
  - Happy new year, 906
- Daughters of the American revolution
  - Lansing chapter no. 292, 914
  - Twenty-fifth year, 915
- Description
  - Benevolent and protective order of Elks: Souvenir, 342
  - Bovee: Lansing, 417
  - Fox illustrating co.: Lansing illustrated, 1747
  - Grand army of the republic. Dept. of Michigan: [Souvenir], 1845
  - Lansing illustrated, 2675, 2676
  - ———. Improvement association: Lansing, 2650
- Directories
  - Bards and co's. business directory, 226
  - Lansing city directory, 2674
  - Polk & co.: Directory, 5775
- Franklin Street Presbyterian church
  - Church manual, 2648
- High school
  - Oracle, 2649
- History
  - Cowles: Past and present, 843
  - Dash: History of Lansing, 912
  - Mevis: Pioneer recollections, 2968
- Illustrated, 2675, 2676
- Improvement association
  - Lansing, 2650
- Lansing and Howell plank road co.
  - Account book, 8434
  - Certificate stub-book, 8435
  - Detroit and Howell plank road co.: Toll book, 8340
  - Ledger, 8436
  - Record book, 8437
  - Transfer book, 8438
- Library and literary association
  - Catalogue, 2651, 2652
- Loan exhibition
  - Catalogue, 2653

LANSING—Continued
- Maps
  - Map, by W. A. Barnard and L. D. Preston, 7741
  - ——, — Dyer-Jenison-Barry co., 7740
  - ——, — A. M. Emery, 7738
  - ——, — Waterbury and Emery, 7737
  - ——, — Macy and Driggs, 7736
  - ——, — North Highland co., 7739
- Methodist Episcopal church, see Lansing. Central Methodist Episcopal church
- Michigan. Legislature. House. Committee on public lands: Report of committee to whom was referred petition asking improvement of school section upon which capitol is located, 4157
- ——— homeopathic college, see Michigan. Homeopathic college
- Mineral and magnetic well, 2677
- Music, see Lansing. Choral union
- Odd Fellows, see Independent Order of Odd Fellows
- Ordinances, 2654-2656
- Playground association
  - Lansing playgrounds, 2657
- Plymouth church
  - Manual, 2658
  - Prudden: Sermon at dedication, 5889
  - ———: Twenty years history, 5890
- Presbyterian church, see Lansing. Franklin Street Presbyterian church
- Public school library
  - Annual report, 2659
  - Catalogue, 2660-2664
- Quadrangle map, see Quadrangle maps
- Reform club
  - History of, 2665
- Retail grocers' and meat dealers' association
  - Second annual pure food show, 2666
- Scientific association
  - First published transactions, 2667
- Social survey committee
  - Know-your-city-week, 2668
- Union building and loan association
  - 13th annual statement, 2669
- Woman's club
  - Constitution and by-laws, 2670
  - Our first decade, 2671
  - Report, 2672
- Woman's relief corps
  - Woman's relief corps. Dept. of Mich. Corps no. 7: Roster of members, 7013
- Young men's society, 2673
- See also North Lansing

Lapeer county
- Agricultural society: Premium list, 2678
- Beers & co.: Atlas, 7506
- Dwight: Township plats, 8381
- Grand jury
  - Resolution relative to conduct of S. D. M'Keen, 2679
- History, 2158
- Map, by W. E. Doughty and I. Gross, 7505

LAPEER COUNTY—Continued
- [——], — U. S. Postoffice dept., 7507
- —— of Saginaw and Tuscola, with part of, by D. A. Pettibone, 7555
- Michigan. Legislature. House. Committee on education: Report of committee [to whom was referred petition for location of seminary of learning in Hadley township], 4032
- Portrait and biographical record, 5830

—— training school for teachers
- Summer school for teachers of backward and mentally defective children, 2680

——— Tuesday club
- Moore: Outline of study, 5481

LaPlaisance Bay
- U. S. War dept.: Letter transmitting report of survey of LaPlaisance Bay Harbor, 6694

LaPlant, A., estate
- Bank book, 8439
- Sales book, 8440

L'Arbre Croche
- Detroit. Ste. Anne's church. Exterior parishes: Registre, 8330

Larceny
- Straker: Legal treatise on larceny of dogs, 6424

Larmer, J. G.
- Stevens: Transcontinental trip in a Ford, 6405

Larned, C.
- Mss., 8062, 8070, 8072

———, G. B.
- Mss., 8070, 8072

———, S.
- Journal, 8441
- Ledgers, 8442
- Mss., 8070, 8072

——— and Ward
- Letter books, 8443

La Rochefoucault Liancourt, see Rochefoucault Liancourt

Larzelere, C. S.
- Boundaries of Mich., 2681
- Government of Mich., 2682, 2683
- Suggestions for teaching history in rural schools, 2684, 2685

La Salle, Sieur de
- Baker: St. Joseph-Kankakee portage, 191
- Bartlett: La Salle in valley of St. Joseph, 237
- Burton: [LaSalle and the Griffon], 528
- Catherwood: Story of Tonty, 618-620
- Gravier: Découvertes et établissements de, 1976
- Relation of discoveries and voyages, 2686
- Remington: Ship-yard of Griffon, 5947
- Winsor: Joliet, Marquette and LaSalle, 6994

Latest views of Detroit, 2687

Lath manufacture
- Saginaw daily enterprise: Statistics for 1867, 6094

LATHROP, H. B.
- [Memorial relative to contract for convict labor], 2688
- [Michigan. Board of state auditors: Communication in reply to resolution requesting opinion whether H. B. Lathrop has claim rendering further legislative action necessary], 3218

Lathrop
- Polk & co.: Directory, 5767

Laub, D. K.
- Detroit evening news: Investigation of Ford profit-sharing, 1442

Laurent, C., estate
- Emmons: Mss., 8068

Laurie and Whittle
- New and general map of middle dominions belonging to U. S., 7121

Laurium
- Polk & co.: Directory, 5764

Law, J.
- Colonial history of Vincennes, 2689

——, W. H.
- Among lighthouses of Great Lakes, 2690
- Deeds of valor, 2691
- Heroes of Great Lakes, 2692
- Life savers in Great Lakes, 2693

Law
- Howe: Laws and courts of Northwest, 2223, 2224
- Hutchins: Legal education, 2271
- Michigan. State library. Law dept.: Accessions, 5051
- ———. ——— ———. —— ——.: Catalogue, 5052
- Trask: Briefs and notes on statutes and decisions, 6565

Lawns
- Halligan: Starting a lawn, 2020

Lawrence, A. L.
- Wolverine, 2694, 2695

Lawrence, Kansas. Society of Mich., see Society of Michigan

Law reports, digests, etc.
- Callaghan & co.: Mich. digest, 554-556
- Campbell: Index digest of Mich. supreme court decisions, 563
- Chaney: Digest of decisions rendered by Supreme court, 636-639
- ———: Digest of Mich. reports, 640
- Cooley, E. A.: Digest of Mich. reports, 807
- [———, T. M.]: Digest of reported cases, 808
- Crockett: Digest of decisions of Supreme court, 862
- Douglass: Reports of cases argued and determined in Supreme court, 1539
- Drake's Mich. digest, 1548
- Harrington: Reports, 2051
- Jacobs: Digest of decisions of Supreme court, 2375-2377
- ———: Reference digest of Mich. reports, 2378
- Michigan. Laws, statutes, etc.: Compiled laws, 3839-3844

LAW REPORTS, DIGESTS, etc.—Continued
———. ——, ———, ——.: Digest of general statutes on religious corporations, 3848
———. ——. ———, ——.: Digest of laws concerning flats, 3863
———. Legislature. House. Committee on revised code: Report, 4012
——— digest, 5394, 5395
——— serial digest, 5410
———. Supreme court: Mich. reports, 5124
Newberry: Reports of admiralty cases argued and adjudged, 5539
Northwestern reporter: Northwestern reporter blue book, 5567
Shepard's Mich. citations, 6229
Talbot: Table of cases of all Mich. courts, 6495
See also Lawyers; Legal manuscripts; Michigan. Laws, statutes, etc.

Laws and charters under which Michigan central and connections have been constructed, 2696

Laws, see Michigan. Laws, statutes, etc.; Michigan (Ter.) Laws, statutes, etc.

Lawton, C. D.
Map of iron mines at Negaunee, 7826
Michigan. Dept. of mineral statistics: Annual report, 3354
Review of Lake Superior copper mining, 2697

Lawyers
Cooley: Hints to young lawyers, 809
———: Lawyer's duty, 810
Detroit. Bar association: New Wayne co. court house, 977
Lowell: Bench and bar of Macomb co., 2773
Merchants' and manufacturers' mercantile agency: Directory of bonded attorneys, 2954
Michigan. State board of law examiners: Statute rules and regulations governing examination of applicants for admission to bar, 4939
Reed: Bench and bar of Mich., 5941
Ross: Early bench and bar of Detroit, 6029
Stanton: U. S. lawyer's diary and rule book, 6376
See also Legal mss.; Michigan. State bar association; Washtenaw co. Bar association

Leach, M. L.
Ancient forts in Ogemaw co., 2698
Ancient mounds in Clinton co., 2699
History of Grand Traverse region, 2700

League of American wheelmen. Mich. division
Bicycle routes in Mich., 2701
Road book, 2702

LEAGUE OF MICHIGAN MUNICIPALITIES
Michigan. Political science association: Papers and discussions on municipial problems, 4795
Proceedings, 2703
Report, 2704

Leake, P.
History of Detroit, 2705

Learned societies, see Societies

Leavenworth, Lawrence and Galveston railroad
Joy: Mss., 8136

LeConte, J. L.
Hubbard: Coleoptera of Florida and Mich., 2249

Ledgers, see Manuscripts

Lee, H. H., & co.
State of Mich.; gazetteer and business directory, 2706

——, Jay P.
Suggestions for amendment of laws governing corporations, 2707

——, John T.
Bibliography of Carver's travels, 2708
Capt. J. Carver, 2709

——, W. O.
Personal and historical sketches of 7th regiment, Mich. cavalry, 2710

Leelanau county
Buckley and Douglas lumber co.: Few facts about farm and fruit lands, 482
Hayes: Atlas, 7508
Sprague: History, 6369
Traverse region, 6580

[Lees, J.]
Journal, 2711

Leeson, M. A.
History of Kent co., 2156
——— — Macomb co., 2160
——— — Saginaw co., 2712

Leeth, J.
Short biography of, 2713

Leetsville
Polk & co.: Directory, 5763

Legal manuscripts
Bates, Walker and Douglass: Mss., 8108
Canfield: Case books, 8285
Emmons: Mss., 8041, 8047, 8052, 8054, 8057, 8059, 8064, 8068, 8073, 8078, 8082, 8082, 8084, 8086, 8088, 8090, 8092, 8102, 8105
Holbrook: Mss., 8196, 8198
Howard: Mss., 8044
Joy: Mss., 8136
Larned: Mss., 8070, 8072
May, Romeyn, and Emmons family: Mss., 8075
May: Mss., 8131
Maynard, Meddaugh and Davison: Mss., 8132
Norton: Mss., 8107
O'Flynn: Mss., 8166
Prentis: Mss., 8056
Rice and Meeker: Mss., 8133
Romeyn: Mss., 8046, 8060, 8061

LEGAL MANUSCRIPTS—Continued
Sibley: Mss., 8173, 8175
Toms: Mss., 8042, 8069, 8071, 8079, 8081, 8083, 8085, 8087, 8089, 8091, 8093, 8095, 8097, 8192
Trowbridge: Mss., 8188, 8204
Van Dyke and Emmons: Mss., 8043, 8094, 8096
Ward and Palmer: Mss., 8134, 8137, 8146
Wilkins: Mss., 8098, 8101, 8103
Wilkinson and Post: Mss., 8159, 8162, 8167
Wright: Mss., 8141
See also U. S. Attorney. Michigan district; U. S. Circuit court. Eastern district of Michigan; U. S. Marshal. Michigan; Wayne co. Justice of the peace
Legends
Belknap: Legend of trailing arbutus, 339
Brown: Indian legendary poems, 474
Hamlin: Legends of Le Détroit, 2029
Judson: Myths and legends of Mississippi valley and Great Lakes, 2431
Kane: Myths and legends of Mackinacs, 2464
Leggett: Me-nah-sa-gor-ning; a legend of Orchard Lake, 2714
Littlejohn: Legends of Mich. and Old Northwest, 2751
Page: Legendary lore of Mackinac, 5624
Wright: Stories of crooked tree, 7051, 7052
See also Schoolcraft, H. R.
Leggett, Lieut. P. S.
Hickox: Remarks at funeral, 2110
———, **S. M.**
Me-nah-sa-gor-ning, 2714
Legislation
Michigan. State library. Legislative reference dept.: Local legislation, 5064
———. ——— ———. ————— ——————.: Local, special and private legislation, 5065
Legislative association, see Michigan. Legislative association
Legislature, see Michigan. Legislature; Michigan (Ter.) Legislative council
Legler, H. E.
Moses of Mormons, 2715
Legumes
Smith: Legumes other than alfalfa, 6277
Leighley, I. A.
Ward and Palmer: Mss., 8134
Leith, C. K.
Van Hise: Geology of Lake Superior region, 6843
Lemen, J.
MacNaul: Jefferson-Lemen compact, 2859
Lenawee county
Board of supervisors
Proceedings, 2716
[Bonner]: History of Adrian, 396
———: Memoirs of, 397

LENAWEE COUNTY—Continued
Cadwell & co.: Atlas, 7512
Dewey: Saint Michael's and All Angels' church, 1501
Dixon: Study of farm management problems in Lenawee co., 1529
Everts and Stewart: Combination atlas map, 7511
Farm journal directory, 1645
Hogaboam: Bean Creek valley, 2182
Knapp: Illustrated history and biographical record of Lenawee co., 2556
Map, by G. R. Bechler and E. Wenig, 7510
——, — State geologist, 7509
——, — U. S. Postoffice dept., 7514
——, of counties of Washtenaw and Lenawee, by Bechler and Wenig, 7584
Michigan. Legislature. Senate. Committee on the judiciary: Report of committee to whom were referred petitions for act to establish highways in Fairfield township, 4559
Millard: Early history, 5442
Pioneer and historical society
Annual picnic, 2717
Portrait and biographical album, 5839
Treat bros: Pocket atlas, 7513
Whitney: Historical and biographical record, 6913
Lenox township, see Macomb co.
Leonard, J. W.
Industries of Detroit, 2718
————— — Saginaws, 2719
Leoni. Michigan union college, see Michigan union college
——— **theological institute**
Catalogue, 2720
Michigan. Legislature. House. Committee on education: Report on petition, 4021
Leroy
Polk & co.: Directory, 5763
Les Cheneaux Islands
Grover: Brief history, 1996
[Map of] Les Cheneaux Islands, by Arnold transit co., 7876
——— — —— ————— ————, by U. S. War dept., 7875
Leslie
Vliet: History of early life and business interests, 6769
Lester, F. A.
Bennett: Historical sketches of Ninth Mich. infantry, 343
[Semi-centennial roster of Ninth Mich. infantry], 2721
Letter books, see Manuscripts
Leverett, F.
Alcona co., 2722
Ann Arbor folio, 7760, 7761
Flowing wells, 2723, 2724
Map of surface formation of Northern Peninsula, 7818
—— — ——— ———— — Southern Peninsula, 7787

LEVERETT, F.—Continued
Pleistocene of Indiana and Mich., 2725
Review of glacial geology of Southern Peninsula, 2726
Surface geology, 2727, 2728
Symposium on water supplies, 2729

Levin, E.
Coons: Leaf-spot disease of tomato, 819
——: Septoria leaf-spot disease of celery or celery blight, 821
Leaf-spot disease of tomato, 2730

Lewis, A. F.
General information concerning cemeteries of Saginaw, 2731

——, G. F.
Annual statement of business of Saginaw valley, 2732

——, S.
Correct map of seat of war, 7133
Map of part of Northwest Territory, 7124
New map of seat of war, 7135

—— art gallery, Coldwater
Catalogue, 2733

—— school for stammerers
At Lewis school, 2736
Lewis school, 2734
Lewis school greeting, 2735

Lewiston
Michigan home colony co.: Full description of country, its soils, climate, waterways and transportation routes, 5402

Libraries
Bixby: Historical sketches of ladies' library associations of Mich., 376
Brett: School and library, 435
Buncher: Catalogue, 491
Crapo: Address at dedication of building of Ladies' library association, Flint, 856
Finney: Public libraries, 1698
Hubbard: Valuable private library, 2250
Michigan. Legislature. Senate. Committee on the judiciary: Report of committee to whom was referred petition asking people be relieved from tax for town libraries, 4551
—— libraries, 5406
Spencer: Women's clubs and public libraries, 6362
See also Adrian. Ladies' library association; Adrian. Public school library; Allegan. Public library; Alpena. Public library; Ann Arbor. Public library; Ann Arbor. Public school library; Armada. Public library; Battle Creek. Public school library; Bay City. Public library; Big Rapids. Phelps free library; Coldwater. Free public library; Coldwater. Ladies' library association; Detroit. First Congregational church; Detroit. First Congregational Unitarian society; Detroit. First Presbyterian church; Detroit. Ladies' library association; Detroit. Mechanics' society library; Detroit. Public library; Detroit. Young men's society; District school libraries; Dowagiac. Ladies' library association; East Saginaw. Public library; Eaton Rapids. Public library; Escanaba. Carnegie public library; Flint. Ladies' library association; Frankfort. Literary association library; Frankfort. Public school library; Grand Haven. Public school library; Grand Rapids. Public library; Hackley public library; Hartford. Ladies' library association; Howell. Public library; Hoyt public library, Saginaw; Jackson. Public library; Jackson. Young men's association library; Kalamazoo. Ladies' library association; Kalamazoo. Public library; Lansing. Library and literary association; Lansing. Public school library; Manistee. Public library; Michigan. State board of corrections and charities; Michigan. State board of library commissioners; Michigan. State library; Michigan. State normal college; Michigan. State prison; Mitchell public library, Hillsdale; Mt. Clemens. Public library; Muskegon. Public school library; Owosso. Ladies' library and literary association; Owosso. Young men's Christian association library; Petoskey. Public library; Port Huron. Ladies' library association; Port Huron. Public library; Sage public library; Saginaw. East side public library; Saginaw. Public library of union school district; Saginaw. Public school library; School libraries; Spies public library; Township libraries; Traverse City. Ladies' library association; Traverse City. Public library; Vicksburg. Ladies' library

Library association, see Michigan. Library association

—— institutes
Preston: Library institutes, 5871

—— science
Koch: Library assistant's manual, 2571

Licenses
McCracken: License movement, 2809
Michigan. Legislature. House. Select committee: Report of minority of on license laws, 4330
——. ——. ——. Special committee: Report relative to granting licenses, 4373
——. ——. Senate. Committee on expiring laws: Report respecting license laws, 4593
——. ——. ——. Committee on state affairs: Report relative to license laws, 4677, 4678
——. ——. ——. Select committee: Report of committee to whom were referred petitions praying repeal of license laws, 4726, 4727
See also Liquor; Prohibition; Threshing machines

LIEB, S.
  History of Mich., 2737
Liens, see Mechanics' liens
Life and thrilling incidents in history of E. Watson, 2738
— of Gen. L. Cass, 2739, 2740
— **insurance**
  Imperial life insurance society: Common sense talk on life insurance, 2281
  Insurance herald hand book, 2319
  Michigan. Laws, statutes, etc.: Laws, 3887, 3888
— **saving**
  Law: Deeds of valor, 2691
  ——: Heroes of Great Lakes, 2692
  ——: Life savers in Great Lakes, 2693
Liggett, J. T.
  Art education, 2741
[Lightner, M. C.]
  St. Paul's church controversy, 2742
Lights and lighthouses
  Law: Among lighthouses of Great Lakes, 2690
  Michigan. Governor: Special message transmitting communication from supt. of lights on northwestern lakes, 3658
  Scott: New coast pilot for lakes, 6189
Lilibridge, G. R.
  Report of conspiracy trial, 2743
Lillie, W. I.
  Grand Haven. Charters: Charter, 1847
Lime
  Patten: Lime for agricultural purposes, 5664
Lime kiln crossing, Detroit River, by U. S. War dept., 7966
Limestone
  Allen: Mineral resources of Mich., with treatise on limestone resources by R. A. Smith, 61
  [Lane]: Limestones, 2604
  Winchell: Some indications of northern transportation of drift materials in Lower Peninsula, 6989
  See also Mines and mineral resources
Lime-sulphur spray
  Patten: Manufacture and storage, 5665
Lincoln, A.
  Ann Arbor. Memorial proceedings in Ann Arbor, 133
  ———, Grant, Sherman, Farragut, 2744
[Lincoln highway association]
  Following path of progress, 2745
  Summarizing a year's progress, 2746
Lindemann, E. C.
  Twelve projects for Mich. clubs, 2747
Linden
  Polk & co.: Directory, 5768
Lindsey, C.
  Prairies of western states, 2748
Liquor
  Adams: Treatise on prohibitory liquor law, 11
  Alabaster: Answer on traffic and use of intoxicating beverages, 32

LIQUOR—Continued
  Bloss: Special taxation of liquor traffic, 392
  Chippeway Indians: Petition for Maine law, 673
  Dennis: Petition for prohibition, 948
  Economic study for Detroit business men, 1573
  Hubbard: Petition asking passage of bill relative to license laws and sale of liquors, 2247
  McCracken: License movement, 2809
  Michigan. Governor: Appendix to message; report of liquor taxes collected, 3711
  ————. Laws, statutes, etc.: Laws relating to manufacture, sale and use of liquors, 3901
  ————. ——, ————, ——.: Law relating to shipment into dry territory, 3902
  ————. ——, ————, ——.: Local option law, 3903
  ————. ——, ————, ——.: Prohibitory liquor law, 3900
  ————. Legislature. House. Committee on the judiciary: Report on petitions for enactment of law concerning sale of ardent spirits, 4140
  ————. ————. ———. Committee on state affairs: Report upon bill to repeal act to prevent manufacture and sale of liquors, 4231
  ————. ————. ———. Select committee: Report of committee to whom were referred laws granting license for sale of ardent spirits, 4331
  ————. ————. ———. ———
  ————: Report of committee to whom were referred petitions for suppression of traffic in intoxicating drinks, 4332
  ————. ————. ———. ———
  ————: Report of committee to whom was referred petition concerning sale of ardent spirits, 4333
  ————. ————. ———. Special committee: Report of committee to whom was referred petitions praying laws authorizing sale of spirituous liquors be repealed, 4376
  ————. ————. Senate. Committee on state affairs: Report relative to amending prohibitory liquor law, 4679
  ————. ————. ———. Select committee: Report of committee to whom was referred circular suggesting passage of law for more effectual prevention of traffic in ardent spirits with Indian tribes, 4730
  See also Prohibition; Temperance
List of volunteers from county of Wayne, 2749

LISTER, W. N.
Washtenaw co. Commissioner of schools: Manual, 6812
Little, F.
Celery culture at Kalamazoo, 2750
Littlejohn, F. J.
Legends of Mich. and Old Northwest, 2751
Memorial praying for division of 9th judicial district, 2752
————, W. H.
Constitutional amendment, 2753
Little Bay de Noc.
Chart, by U. S. War dept., 7895
—— Traverse Bay
Chart of inland route of navigation, by U. S. War dept., 7906
[Detroit and Cleveland steam navigation co.]: Where to spend summer, 1403
Northeast end of Lake Mich., by U. S. War dept., 7899
Sprang: Petoskey and Little Traverse Bay, 6372
Wright: Ottawan, short history of villages and resorts surrounding, 7050
Live stock sanitary commission, see Michigan. Live stock sanitary commission
—— —— —— laws
Michigan. Laws, statutes, etc.: Live stock sanitary laws, 3904
Livingston county
Beers & co.: Atlas, 7515
History, 2159
Map, by U. S. Postoffice dept., 7516
Ogle & co.: Standard atlas, 7517
Portrait and biographical album, 5834
Topographical map of Ingham and Livingston, by Geil, Harley and Siverd, 7470
Livingstone, W.
History of Republican party, 2754
Lloyd, H. H., & co.
Railroad and postoffice map of Wisconsin and Mich., 7274
Local board of health, see Health
—— government
Bemis: Local government in Mich. and Northwest, 340
Green: Treatise on townships, 1983, 1984
Michigan. Dept. of state: Mich. township officers' guide, 3512-3515
————. ——. — ——: Supplement to Green's treatise on townships, 3527
————. Laws, statutes, etc.: Laws concerning organization and government of townships, 3938
See also Municipal government
—— history
Finney: Public libraries and, 1698
Michigan. Historical commission: Suggestions for local historical societies, 3797
————. ———— ————: Prize essays, 3803, 3804
————. State library: Finding list of works, 5035, 5036
LOCAL HISTORY—Continued
Monroe high school. Class of '96: Local history, 5470
See also Michigan. Historical commission; names of cities, townships, counties, etc.
—— option, see Liquor
Lockwood, H. A.
Are our municipalities to become business corporations?, 2755
————, T. M., see Lockwood and Clarke
———— and Clarke
Mss., 8046
————, see Barstow and Lockwood
Lockwood
Polk & co.: Directory, 5763
Locusts
Davis: Locusts, 932
Lodge, E. A.
Petition in regard to granting university appropriation, 2756
Lodges
Maybury: Mss., 8189
See also Detroit lodges
Loehe, W.
Etwas über die Deutsch-Lutherischen niederlassungen in grafschaft Saginaw, 2757
Logan, J. A.
Cutcheon: In memoriam, 895
Long, C. E.
Marine review course finder, 2758
——, J.
Voyages and travels of Indian interpreter and trader, 2759
——, O. R.
Present and future water supply of Ionia, 2760
——, S. H.
Keating: Travels in interior of North America, 2466
Long Point development association
Golden opportunities in heart of Mich. apple belt, 2761
Longyear, B. O.
Fungous diseases of fruits, 2762
Mich. mushrooms, 2763
————, J. M.
Forests, streams, lakes and resources of northern Mich., 2764
————, J. W.
Memorial for re-establishment of military state agency, 2765
Look, H. M.
Masonic trials, 2766
Michigan. Legislature. House. Committee on ways and means: Report of committee to whom was referred resolutions relative to exemption of U. S. bonds, 4256
Loomis, C. M.
Centennial anniversary; celebration at Grand Rapids, 2767
——— and Talbott
Ann Arbor city directory, 2768
Monroe city directory, 2769

- **LORD, G.**
  - Taxation of mining properties, 2770
- ——, W. B.
  - Michigan. Constitutional convention: Debates, 3319
- **Los Angeles county, Cal.**
  - Interstate directory co.: Mich. people in Los Angeles co., 2332
- **Loskiel, G. H.**
  - Extempore on a wagon, 8444
- **Lossing, B. J.**
  - Hull's surrender of Detroit, 2771
  - Mss., 8182, 8195
  - [Papers representing material used in histories and biographies], 8445
- **Lothrop, G. H.**
  - Detroit. Fire dept.: The fire department, 1136
- ————, **G. V. N.**
  - Democratic association of Detroit: Celebration of anniversary of Battle of New Orleans, address by, 945
  - Detroit. Fire dept.: The fire department, 1136
- ———— **and Duffield**
  - Bill book, 8446
  - Claim books, 8447
  - Ledger, 8448
  - Letter books, 8449
- **Loud, H. M.**
  - H. M. Loud, 2108
- **Loughery, A.**
  - Martindale: Loughery's defeat, 2913
- **Louisiana purchase exposition,** see Michigan. Board of managers of the Louisiana purchase exposition
- **Lovell, A. F.**
  - U. of M. calendar, 2772
- **Lowell, D. N.**
  - Bench and bar of Macomb co., 2773
- **Lowell**
  - Baxter: History of Grand Rapids, with appendix-history of Lowell, 263
  - Charter, 2774
- **Lower** Detroit River, by U. S. War dept., 7967
- ——— **Peninsula**
  - Fuller: Economic and social beginnings of Mich., 1774
  - Geological map, by C. Rominger, 7785
  - Lyster: Study of climate and topography of, 2789
  - Map showing geological formations and contours of rock surface, by A. C. Lane, 7786
  - —— of surface formations, by F. Leverett, 7787
  - Nellist's road map, 7385, 7386
  - Rand, McNally and co's. sectional map of Mich., 7387
- **Lowrey, B. J.**
  - Mich. state press association, 2775
- ———, **H. H.**
  - Ionia county. County school commissioner: Directory and list of teachers, 2335
- **LOYAL LEGION,** see Military order of the loyal legion of the U. S.
- **Lucas, F.**
  - [Map of] Mich., 7142
- ———, **R.**
  - Journal, 2776, 2777
  - Ohio. Governor: Message at 2d sess. of 33d assembly, 5586
  - ——. —————: Special message in pursuance of act making appropriation to defray expense of carrying into effect laws in regard to northern boundary, 5587
- **Luce, C. G.**
  - Michigan. Governor: [Messages and pardons], 3732-3740
  - —————. Legislature: In memory, 3947
- **Luce county**
  - Map, by H. C. Thompson, 7442
- **Ludden, N. T.**
  - Journal, 8450
- **Ludington**
  - Advantages of, 31
  - Clark: Discussion of sewerage and drainage, 690
  - Description
    - Souvenir, 6356
  - Directory
    - Polk & co.: Directory, 5776
  - Schools
    - Michigan. Historical commission: Prize essays, 3804
- ————— **Harbor**
  - Poe: Annual report upon improvement of certain rivers and harbors, 5752
- **Ludlow, W.**
  - Poe: Annual report upon improvement of certain rivers and harbors, 5752
- ———, **W. C.**
  - Onawago, 2778
- **Lumbering**
  - Dow: Lumberman's gazette, 1540
  - Frothingham: Selling woodlot products, 1769
  - [Harmer]: Lumbering, 2043
  - Malloch: Tote-road and trail, 2866
  - Michigan. Lumbermen: Facts and figures against passage of Chicago relief bill, 4768
  - Peattie: The beleaguered forest, 5688
  - Pine lands and lumber trade, 5742
  - Puddefoot: Hewers of wood, 5893
  - Saginaw daily enterprise: Statistics for 1867, 6094
  - ———— valley; its salt, lumber and other resources, 6099
  - ———— ———. Lumbermen: Tariff on lumber, 6101
  - St. Mary's Falls ship canal co.: 560,000 acres pine lands, 6130
  - Statement of salt and lumber business of Saginaw valley, 6383
  - See also Forests and forestry
- **Lunt, M. C.**
  - Extracts—poetry and prose, 8451
  - Poems, 8452

LUTHER
Polk & co.: Directory, 5763
Lyon, L.
Communication to members of U. S. senate, 2779
Letter to Hon. L. Williams, 2780
Letters to L. Williams, 2781
Stuart: Verdict for Mich., 6435
To Hon. J. M. Clayton, 2782
——, **R. H.**
Bartlett: La Salle in valley of St. Joseph, 257
——, **T. T.**
History of Mich. horticulture, 2783
Michigan. Agricultural college. Experiment station: Report of South Haven substation, 3020
————. Legislature. House. Special committee: Report of committee to whom was referred memorial relative to preservation of forest trees, 4375
————. State horticultural society: Catalogue of fruits, 4983
Lyons
Polk & co.: Directory, 5772
Lyster, H. F.
Reclaiming of drowned lands, 2784
Report on outbreak of typhoid fever among school children at Adrian, 2785
———— — healthful dwellings, 2786
———— — limitation and prevention of typhoid fever, 2787
Sewerage, 2788
Study of climate and topography of Lower Peninsula, 2789
——, **Henry Francis**
Recollections of Bull Run campaign, 2790

[McAfee, R. B.]
History of the late war, 2791
McCandless, Rev. G. J.
Freemasons. Michigan. Grand lodge: Memorial service, 1761
McCarty, D. G.
Territorial governors of Old Northwest, 2792
——, **J.**
Miscellaneous mss., 8176
——, **W.**
New improved map of seat of war, 7134
McClelland, R.
Defence of Gen. Cass, 2793
Michigan. Governor: Message, 3660
McClintock, H. E.
Map of Dickinson co., 7449
Rogers' map of Iron co., 7475
McClung, J. A.
Sketches of western adventure, 2794-2800
McComber, W. H.
Petition for general law to authorize banking, 2801
McCorkle, W. A.
In memoriam; discourse on life and character of Rev. G. Duffield, 2802
McCORMICK, R. H.
Map of sewers of Detroit, 7672
M'Coskry, S. A.
Controversy between and Alex. M'Farren, 779
Fox: Examination of case of church discipline, 1741
Petition relative to division of school funds, 2803
Trowbridge: Mss., 8109
——, **W.**
Day books, 8453
Mss., 8038
McCourt, R. S.
History of old Sibley house, 2804
McCoy, D.
Old Fort St. Joseph, 2805
McCracken, S. B.
City of Detroit, 2806
Lake gems of Oakland, 2587
Laws in force in county of Wayne, 2807, 2808
License movement, 2809
Manual of Wayne co. affairs, 2810
Mich. and centennial, 2811
Michigan. Constitution: Constitution, 3303
———— political handbook, 2812
———— political manual, 2813
———— voter's guide, 2814
Protest against sectarianism in university, 2815
Religion in university, 2816
State of Mich., 2817
Sunday laws, 2818
Working digest of registration and election laws, 2819, 2820
Working edition of Mich. election law, 2821-2825
——, **T.**
Map of Town of Mich., 7735
McCreary, O.
Adams: Ecological survey [for papers by], 6, 7
McCue, C. A.
Spraying for potato blight, 2826
McCulloch, H. D.
Michigan. Legislature. House. Committee on elections: Report of committee to whom was referred petition contesting seat of P. McKinley, 4048
McCully, G.
Burton: E. Douglass and his times, a fragment of history with journal of G. McCully, 522
McCurdy, H.
Address, 2827
McDonald, see Bayley vs. McDonald
McDowell, J. C.
Farming on cut-over lands, 2828
McFarlane, C. T.
Geography of Mich., 2829
McFarren, A.
Controversy between and Bishop M'Coskry, 779

McGILL, C. W.
Laws of Mich., 2830
Mich. laws made plain, 2831
———, J. and A.
Askin: Invoice book, 8222
———: Mss., 8037
McGillivray, J. H.
Michigan. Game, fish and forestry dept.: Mich. forest scouts, 3555
———. ———, ——— ——— ——— ———.: What Mich. is doing, 3556
McGrane, R. C.
Evolution of Ohio-Erie boundary, 2832
McGrath, John W.
Mandamus cases decided in Supreme court, 2833
———, Joseph M.
Memorial day at Corunna, 2834
McGraw, T., and co.
Mss., 8159, 8160, 8161, 8162, 8167
McGregor, M.
Michigan. Laws, statutes, etc.: Mich. corporation law, 3846
McIlvaine, C. M.
Hubbard: Autobiography, 2248
McInnes, D.
Detroit and Milwaukee railroad co.: Mortgage, 1412
McKeen, S. D.
Lapeer county. Grand jury: Resolution relative to conduct, 2679
McKenney, T. L.
Sketches of tour to lakes, 2835
McKenzie, see Graham and McKenzie
McKinley, P.
Johnson: Memorial for relief, 2418
Michigan. Legislature. House. Committee on elections: Report of committee to whom was referred petition of H. D. McCulloch contesting seat, 4048
McKinney, James P.
Industrial advantages of Detroit, 2836
———, John
Michigan. Legislature. Joint committee: Report of committee to investigate treasury dept. and official acts of treasurer, 4414
———. ———. Senate. Committee on finance: Report relative to memorial of A. R. Burr praying to be released from liability as one of sureties on bond of, 4473
McKinnie, A.
Preliminary report of eugenic survey, 2837
McKinstry, D. C.
Michigan. Board of internal improvement: Communication from J. B. Hunt relative to contract, 3182
McKnight, C.
Our western border, 2838
McKone, W. J.
Mich. state and local government, 2839-2842
McLAUGHLIN, ALLEN J.
Sewage pollution of interstate and international waters, 2843
———, Andrew C.
Elements of civil government of Mich., 2844
Hackley public library: Dedication; address of, 2006
History of higher education in Mich., 2845
Influence of Gov. Cass, 2846
Lewis Cass, 2847-2851
Western posts, 2852
———, Col. J. H.
Biographical sketch, 372
———, J. R.
Michigan. Legislature: Shall convicts be imported, 3966
McLean, C. B.
Notes, 8454
McMillan, J.
Detroit tribune: [New year's greetings], 1489
J. McMillan, 2379
Michigan. Legislature: In memory, 3948
U. S. 57th Cong., 2d sess.: J. McMillan; memorial addresses, 6647
———, W. C.
Sketch of life, 6251
McMurray, W.
Phillips: Rare map of Northwest, 5731
U. S. according to definitive treaty of peace, 1783, 7116
McNeil, H. E., see Van Dyke and McNeil
M. A. C. record, 2853
Macauley bros.
Road map giving all favorite runs out of Detroit, 8000
Maccabees, Knights of, see Knights of the Maccabees
———, Ladies of, see Ladies of the Maccabees
MacClure, T. R.
State board of health, 2854
MacDonald, C. E.
Message from hills, 2855
———, J. H.
Michigan. Legislature: Memorial, 3956
MacIver, J. K.
Detroit. Board of trade: Annual report, 1023
Mack, S.
Account with Mack and Sibley, 8455
——— and Sibley
Account with S. Mack, 8456
Mackey, R. J.
Road map, 8008
Mackinac City co.
Title to lands, 2856
Mackinac
Arundel: Motor boat boys, 158
Bailey: Mackinac, formerly Michilimackinac, 173-178
[Bramhall]: In summer days, 432
Brown: Two missionary priests at, 465

MACKINAC—Continued
Catherwood: Mackinac and lake stories, 617
———: White islander, 621
Childs: Marquette, Mackinac Island and Soo, 669
Conference of the American peace centenary committee
  Ferris: Address as temporary chairman, 1084
Cook: Mackinaw in history; a critique, 805
DePeyster: Miscellanies, 949
Detroit. Ste. Anne's church. Exterior parishes: Registre, 8330
Disturnell: Island of Mackinac, 1524
Donan: Mackinac Island, 1534
Foster and Reynolds: Standard guide, 1738
Fox: Betty of Old Mackinaw, 1742
Frazier: Sunset at Mackinac, 1752
Gardiner: Mackinac Island, the ancient Michilimackinac, 1784, 1785
[Gilbert]: Devil's kitchen, 1806
Grand Rapids and Indiana railroad co.: Mackinac, 1940
Grover: Brief history of Les Cheneaux Islands; some new chapters of Mackinac history, 1996
Henry: Narrative of captivity, 2107
Inglis: Northern Mich., 2299
[Ingram]: Three on a tour, 2300
Jenks: Patrick Sinclair, 2397
Kane: Myths and legends, 2464
Kellogg: Capture of Mackinac, 2496
Kelton: Annals of Fort Mackinac, 2500-2513
Lake tours to, see Detroit and Cleveland steam navigation co.
Mackinac Island, 2857
Map of island of Mackinac, by J. Disturnell, 7877
Michigan central railroad co.: Fairy isle of Mackinac, 5376
——— ——— ——— —.: In summer days, 5382
——— ——— ——— —.: Mackinac Island, 5378
———. Historical commission: Names of places of interest, 3800
———. Legislature. House. Committee on elections: Report in relation to, 4049
Newton: Mackinac Island and Sault Ste. Marie, 5541
Page: Legendary lore, 5624
Polk & co.: Directory, 5763
Powell: Historic towns of western states, 5858
[Reynolds]: Standard guide, 5958
[Richards]: Fairy isle of Mackinac, 5969
Robinson: History of Cheboygan and Mackinac cos., 5992
Shields: Rustlings in rockies, 6235
Standard guide, 6375

MACKINAC—Continued
[Strang]: Ancient and modern Michilimackinac, 6426-6428
Thwaites: How G. R. Clark won Northwest, 6535
———: Story of Mackinac, 6536
[Troop]: Blackbird, 6585
[Tuttle]: Conversations on Mackinaw and Green Bay Indian missions, 6609
Van Fleet: Old and new Mackinac, 6739-6741
— ———: Summer resorts of Mackinaw region, 6742
Ware: Centennial history of Cheboygan co., 6800
Williams: Early Mackinac, 6947-6950
———: Early Protestant mission on Mackinac Island, 6951, 6952
———: Old mission church of Mackinac Island, 6953
Woolson: Anne, 7036, 7037
See also Mackinac Island state park commission; Old Mackinaw

——— **county**
City of St. Ignace and, 682
Map, by H. C. Thompson, 7442
Robinson: History, 5992

——— **Island,** Mich., 2857

——— ——— **state park**
Board of commissioners
  Report, 2858
Michigan. Historical Commission: L. Cass day on Mackinac Island, 3802
———. ——— ———: Nicolet day, 3801

——— **store**
Henry: Journal, 8413
———: Ledger, 8416

———, **Straits of**
North end of Lake Mich., by U. S. War dept., 7900
Straits of Mackinac, by U. S. War dept., 7975-7977

Mackinaw City
[Conkling]: Exposition of Mackinaw City, 770, 771
Mansfield: Exposition of natural position of Mackinaw City, 2875
[Map of] Mackinaw City, by R. C. Phillips, 7742
Polk & co.: Directory, 5763, 5765

Mackintosh, J. W.
U. S. Circuit court. Eastern district of Mich.: John W. Mackintosh vs. Flint and Pere Marquette railroad co., 6630

Macleod, W. N.
Michigan. Legislature. House. Committee on education: Report relative to plan for international literary exchange, 4020

MacNaul, W. C.
Jefferson-Lemen compact, 2859

- **MACOMB, A.**
  - Daughters of 1812. Michigan: Programme for bronze statue, 922
  - Letter to the governor, 2860
  - Pontiac, 2861
- **——— and Saginaw railroad co.**
  - An act to incorporate, 2862
- **——— county**
  - Bank
    - Report, 2863
  - Eldredge: Past and present, 1583
  - Farm journal directory, 1646
  - History, 2160
  - Lenox township. Records
    - Mss., 8165
  - Lowell: Bench and bar of, 2773
  - Map, by U. S. Postoffice dept., 7518
  - —— of cos. of Macomb and St. Clair, by Geil and Jones, 7520
  - [—— —] Wayne co. and part of Oakland and Macomb, by S. Farmer & co., 7601
  - [—— —] Wayne and parts of Washtenaw, Oakland and Macomb cos., by H. P. Strong, 7602
  - Michigan. Governor: Message transmitting papers relative to Bank of Macomb co., 3606
  - ————. Legislature. House. Committee on banks: Report of committee to investigate affairs and condition of Bank of Macomb co., 3982
  - ————. ————. Senate. Committee on state affairs: Report on bill to provide for re-locating county seat, 4680
  - Ogle & co.: Standard atlas, 7519
- **Macy and Driggs**
  - Map of Lansing and adjoining towns, 7736
- **Maes, C. P.**
  - History of Catholic church in Monroe city and co., 2864
- **Magazines,** see Periodicals
- **Magilton, A. L.**
  - Map of St. Mary's River, 7990
- **Magnetic spring**
  - St. Louis magnetic spring, 6118
- **Mahogany trees**
  - Widdicomb: The mahogany tree, 6922
- **Mail**
  - [Map showing mail routes in Upper Peninsula], 8024
  - Michigan. Board of internal improvement: Report in relation to mail contracts, 3194
  - ————. Legislature. House. Committee on state affairs: Report of committee to whom was referred proceedings of meeting in favor of overland mail from St. Paul to Puget Sound, 4232
  - ————. State association of rural letter carriers: Constitution, 4854
  - National association letter carriers. Detroit branch no. 1: Program, annual entertainment, 5523
- **MAIL—Continued**
  - Rural mail directory co.: Directory of rural free mail delivery, Kent co., 6045
  - See also U. S. Postoffice dept.
- **Maine. Dept. of state**
  - Communications relative to exchange of documents, 2865
- **——— liquor law**
  - Chippeway Indians: Memorial, 673
  - Smart: Funeral sermon, 6260
  - See also Liquor; Prohibition; Temperance
- **Maley, H. C.**
  - Atlas of Kalamazoo co., 7489
- **Malloch, D.**
  - Tote-road and trail, 2866
- **Mancelona**
  - Polk & co.: Directory, 5763
- **Manchester**
  - Pray: Washtenaw co. directory, 5866
  - Wendell directory co.: Washtenaw co. directory, 6861
- **Mandamus**
  - McGrath: Mandamus cases decided in Supreme court, 2833
- **Manhatten banking co.**
  - Account [book], 8457
- **Manistee**
  - Board of education
    - Announcement of high school, 2867
  - ——— — police and fire commissioners
    - Annual report, 2868
  - Centennial almanac, 2873
  - Charter, 2869
  - Daily news
    - Salt city of the inland seas, 2874
  - Directories
    - Hulbert and Faulkner: Manistee city and co. directory, 2262
    - O'Malley: Manistee city and co. directory, 5605
  - Michigan. Historical commission: Prize essays, 3803
  - Officers, boards, 2870
  - Ordinances, 2871
  - Public library
    - Annual report, 2872
  - Smith: Full and complete description of Centennial celebration, 6265
- **——— county**
  - History, 2161
  - Hulbert and Faulkner: Manistee city and co. directory, 2262
  - O'Malley: Manistee city and co. directory, 5605
  - Polk & co.: Directory, 5777
  - [Swigart]: Tract, 6445
- **——— Harbor**
  - [Map of] Manistee Harbor, by U. S. War dept., 7944
  - Poe: Annual report upon improvement of certain rivers and harbors, 5752
  - U. S. Engineer dept.: Manistee Harbor, 6668
- **Manistique Harbor**
  - [Map of] Manistique Harbor, by U. S. War dept., 7945

MANITOU ISLAND
Coast chart no. 3, Lake Superior, by U. S. War dept., 7924
——— ——— no. 8, Lake Mich., by U. S. War dept., 7908
Copper Harbor, Manitou Island and Pt. Kewaiwona, by T. S. Thompson, 7936
Northeast end of Lake Mich., by U. S. War dept., 7899

——— **Passage**
[Map of] Manitou Passage, by U. S. War dept., 7907

Mann, C. W.
Old North-west leaflets, 5594

Mansfield, E. D.
Exposition of natural position of Mackinaw City, 2875

Mansfield
Polk & co.: Directory, 5763

Mansion, J. E.
Tocqueville: Quinze jours au désert, 6551

Mante, T.
History of late war, 2876

Manton
Polk & co.: Directory, 5763

Manual arts
Detroit. Public library: Manual arts, selected list of books, 1316

Manual, Mich., see Michigan. Manual

——— **training**
Michigan. Dept. of public instruction: Manual training forms, 3404
———. ———. ——— ———:
Manual training, 3405
———. ———. ——— ———:
Manual training in rural schools, 3406
———. ———. ——— ———:
Suggestions for, 3444
Warriner: All-day trades school, 6805
See also Education; Vocational training

Manufacturing
Baker: City of Grand Rapids, manufacturing advantages, 201
Bates: History, commercial advantages and future prospects of Saginaws; population, manufacturing, 243
Bay City. Chamber of commerce: Annual review, 268
Carton: Extract from address on relationship between agriculture and manufacturing, 586
Michigan. Manufacturers' association: Members of the association and what they manufacture, 4769
——— manufacturer and financial record: Made in Mich., 5407
[Stebbins]: Western farms and factories: protection of industry, 6389
U. S. Bureau of the census: Census of manufactures, 6624
Upper Peninsula development bureau: Manufactures and water power, 6726

MANUFACTURING—Continued
See also Lumbering; Michigan. Census; Michigan. Legislature. House. Committee on agriculture and manufactures; Michigan. Legislature. House. Committee on manufactures

——— **and mercantile corporations**
Michigan. Laws, statutes, etc.: Law governing, 3905

Manuscripts from Burton historical collection, 2877

Manuscripts
Abbott, J.
Mss., 8040
Adams, C. S., estate
Land book, 8206
Aetna base ball association
Record book, 8207
Albright, E. F.
[Reminiscences of Detroit], 8208
Alexander, C. T.
Letter book, 8209
———, —. —. and Paddock, L. H.
Journal, 8210
Allegan land co.
Sales book, 8211
Amboy, Lansing and Traverse Bay railroad
Freight delivery book, 8212
Journal, 8213
Letter book, 8214
Anderson, E.
Cash book, 8215
———, J.
Mss., 8114
Askin, C.
Diary and memoranda, 8216
———, C. and J.
Day book, 8217
Ledgers, 8218
———, J.
Account book, 8219
Bill book, 8220
Inventory book, 8221
Invoice book, 8222
Journals, 8223
Ledgers, 8224
Letter book, 8225
Mss., 8037, 8129, 8130
Memorandum book, 8226
Atwood, Messrs., and co.
Mss., 8202
Austin, F. G.
As trustee in bankruptcy of C. Currie & co., 8227
Backus, M.
Claim book, 8228
———, W. W.
Mss., 8053
Baker, H. W.
vs. barges "Tycoon" and "Mikado", 8229
Baldwin and Silsby
Journal, 8230
Ledger, 8231

MANUSCRIPTS—Continued
  Bank of Michigan
    Letter book, 8232
  Barnes, L. S. L.
    Memorandum book, 8233
  Barstow and Lockwood
    Cash book, 8234
    Letter books, 8235
  Barthe, J. B., & co.
    Ledger, 8236
    Sales book, 8237
  Batchewanung land and mining co.
    Certificate stub-book, 8238
    Record book, 8239
  Bates, Walker and Douglass
    Mss., 8108
  Beaubien, J. B.
    Ledgers, 8240
  Begole, J. W.
    [Mss.], 8241
  Berrien county
    [Papers relating to transfer of land in Berrien, Ionia and Ottawa cos.], 8242
  Biddeford, Mass.
    Mss. from, 8149
  Bissell, C. L., & co.
    Mss., 8060, 8100, 8102, 8111
  ——, M. E.
    Mss., 8243
  Blesch, A. F.
    Contract, 8244
  Bradish, A.
    Mss., 8197
  Brady & co.
    Bank books, 8245
    Check stub-books, 8246
    Index book, 8247
    Journal, 8248
    Letter book, 8249
    Sales book, 8250
  Breitmeyer, P.
    Mss., 8169, 8190
  Bridgeton, Me.
    Mss. from, 8194
  British museum
    French-Indian war, 8251
  Brooks, Rev. C.
    Mss., 8163
  Browning, F. P.
    Cash book, 8252
    Day books, 8253
    Journals, 8254
    Ledgers, 8255
  Buck, A.
    Cash book, 8256
  Burnham, J. K.
    Vs. Interstate casualty co., 8257
  Burton, C. M.
    [Chronological notes on U. S. history], 8258
    [Court and other records], 8259
    Detroit, 1814-60, 8260
    [——— in 1825-27], 8261
    [——— — 1833-35], 8262
    [——— — 1835-37], 8263
    ——— — 1836, 8264

MANUSCRIPTS—Continued
    [——— — 1842-43], 8265
    [——— — 1843-45], 8266
    [——— — 1844-45], 8267
    [——— — 1849], 8268
    [——— — 1850-54], 8269
    [——— — 1900], 8270
    Diary of Detroit, 8271
    Journal of trip in 1904, 8272
    Mss., 8129, 8170, 8191
    Protestant orphan asylum of Detroit, 8273
    Shandean club, 8274
  Button, W. and F.
    Mss., 8152
  Buxton, Mrs. J. E.
    Bank book, 8275
  Campau family
    Mss., 8074, 8077, 8145
  Cadillac, A. de la M.
    [Contract], 8276
    [Order to Sieur D'Argenteuil], 8277
  Cadillac mss.
    Archives judiciaires Québec, 8278
    [Records from French archives], 8279
    [Records relating to Cadillac], 8280
  Campbell, J. V.
    [Mss.], 8281
  Canada. Archives
    [Records relating to Detroit], 8282
  ———. Custom house
    Report outwards of cargo of Lady Elgin, 8283
  Canfield, G. L.
    [Admiralty notes], 8284
    Case books, 8285
    Check stub-book, 8286
    Diaries, 8287
  Case, W.
    Journal, 8288
  Cass, L.
    To J. C. Calhoun, 8289
    [Mss.], 8290
  Céloron [Céleron], P. J.
    [Journal of expedition to Ohio], 8291
  Champlin, C.
    Mss., 8171
  Chapin, J. H.
    [Autographs], 8292
  Cheeseborough, Mrs. A. T.
    Index book, 8293
    Journal, 8294
    Ledger, 8295
  Cicotte, E. V.
    Reminiscences, 8296
  City of Toledo
    Ledger, 8297
  Clark, J.
    Account, 8298
    Mss., 8187
  Connor, L.
    Camera notes on Muskegon and Milwaukee, 8299
  Cooper, D.
    Note book, 8300

MANUSCRIPTS—Continued
Copper Creek mining co.
Receipt stub-book, 8301
Copway, G.
Pa-mah-duk ke-ne-bood, 8302
Crittenden, R. L.
Old age pensions, 8303
Dartmouth, Town of
Mss., 8171
Deeds, collection of, 8164
Dennett, G.
Mss., 8203
Detroit
Christ church
Pew record, 8304
Citizens
[Petition that application of Gas light co. for increase of capital stock be granted], 8305
[Report of] meeting to express condemnation of action granting Detroit railway co. extension of time for franchise, 8306
——— educational committee
[Correspondence and printed material in reference to proposed legislation for government of schools], 8307
Colonial records, 8308
Commandant
Commission to J. Pouget, 8309
——— as justice of peace to T. Williams, 8310
Common council
Index to proceedings, 8311
Special committee on ways and means: Report, 8312
Congress St. M. E. church. Trustees
Deed, 8313
Detroit and Erin plank road co.
Journals, 8338
——— — Howell plank road co.
Journal, 8339
Toll book, 8340
Transfer book, 8341
——— — Lake St. Clair plank road co.
Cash book, 8342
——— — Milwaukee railroad co.
Cash book, 8343
Diary, 8344
Letter book, 8345
Electric railway co.
Record book, 8314
Elmwood cemetery
Register of interments, 8315
Fire and marine insurance co.
Insurance book, 8316
First Presbyterian church
Records, 8317
Mercantile society
[Papers relating to erection of chamber of commerce], 8318
National bank
Signature book, 8319
Plumbers' supply co.
Certificate stub-book, 8320

MANUSCRIPTS—Continued
Check stub-books, 8321
Contract book, 8322
Day book, 8323
Order book, 8324
Record book, 8325
Work book, 8326
Ste. Anne's church
Accounts kept by E. Dubois, 8327
Exterior parishes
Registre, 8330
Registre, 8328
Some substitutes for lost records, 8329
Trustees: Livre des assemblées, 8331
St. Paul's Protestant Episcopal church
Records, 8332
Savings bank
Bank statements, 8333
Vs. W. Truesdail et al., 8334, 8335
Tennis club
Bank books, 8336
Woodmere cemetery. Jewish section
Record, 8337
Doran, W. T.
Brief sketch of University of Detroit, 8346
Doty, E.
Memorandum book, 8347
Drake, S. A.
Mss., 8129
Draper mss., 8348
Duffield, B.
Check stub-books, 8349-8351
Diaries, 8352
Letter book, 8353
———, D. B.
Bank books, 8354
Claim book, 8355
Daily journals, 8356
Day books, 8357
Diaries, 8358
Journals, 8359
Ledger, 8360
Letter books, 8361
Letters to, 8362, 8363
Memoranda note books, 8364
Notes of testimony in court cases, 8365
———, D. B. and Duffield, H. M.
Claim books, 8366
Journals, 8367
Ledgers, 8368
Letter books, 8369
———, G.
Bank book, 8370, 8371
——— and Duffield
Check stub-books, 8372
Journal, 8373
Letter books, 8374
——— mss.
Address book, 8375
Catalogue of law books, 8376
Ledger, 8377, 8378
Dumont, E.
Official report of Battle of Lebanon, Tenn., 8379

MANUSCRIPTS—Continued
Dunham, L.
  Superior court of Grand Rapids, 8380
Dwight, A. A.
  Township plats in Huron, Sanilac, Lapeer and St. Clair cos., 8381
Eberts, R. M.
  Mss., 8055
Elliott, R. R.
  Comments on memoir, 8382
  Immigration register, 8383, 8384
  Journal, 8385
  Letter books, 8386
Elsworth, R. H.
  Mss. notes, newspaper files and clippings, 8387
Wayside notes, Mason co., 8388
Emmons, A. and H. H.
  Letter books, 8389
  Mss., 8054
————, H. H.
  Journal, 8390
  Letter books, 8391
  Mss., 8041, 8047, 8052, 8054, 8057, 8059, 8064, 8068, 8073, 8075, 8076, 8078, 8080, 8082, 8084, 8086, 8088, 8090, 8092, 8094, 8096, 8105
————, J. P. C.
  Mss., 8041, 8043, 8064, 8068, 8073, 8075, 8076, 8078, 8080, 8082, 8084, 8094, 8096
——— — and Jones
  Daily journal, 8392
  Mss., 8041, 8073
Evangelical observer
  Ledger, 8393
Farmer, S.
  [Biographical data for history of Detroit], 8394
  Mss., 8186
Farnsworth, B. S.
  Memorandum book, 8395
  Scrapbooks, 8396
Felch, A.
  Mss., 8153, 8154
Fletcher, J.
  Plat of tract of land, 8397
[Foster, J.]
  Capitulation, or history of expedition by W. Hull, 8398
Fraser, A. D.
  Mss., 8063, 8131
————, —. —., estate
  Executors' account book, 8399
———— and Gates
  Letter books, 8400
Frink, Mrs. B.
  Reminiscences, 8401
Frue, Mrs. H. L.
  Investment books, 8402
Gerrish, J.
  Journal, 8403
Gibbons, R.
  Addresses and letters prepared for delivery or the press, 8404

MANUSCRIPTS—Continued
Gibson, J.
  Mss., 8118
Godfroy family
  Mss., 8049
Goodale, H. J.
  Survey of Fort St., 8405
Graham and McKenzie
  Journal "B", 8406
  Ledger "B", 8407
Gray, W. J.
  Mss., 8059
Haigh, H.
  Ledger, 8408
Hamtramck, J.
  Power of attorney to S. Sibley, 8409
Hamtramck. Street railway
  Record book, 8410
Harper's hospital
  Mss., 8155
Harrow family
  Mss., 8411
Henry, D. F.
  Mss., 8160, 8193
———, J.
  Beef journal, 8412
  Invoice books, 8413
  Journal of Mackinac store, 8414
  Journals, 8415
  Ledger of Mackinac store, 8416
  Ledgers, 8417
  Letter book, 8418
  Mss., 8173
  Memoranda books, 8419
  Tannery bark book, 8420
  Tannery hide books, 8421
  Tannery journals, 8422
  Tannery ledgers, 8423
———, —., and co.
  Account of beef cattle, 8424
[———, S. C.]
  Tannery journal, 8425
Hicks, P., & co.
  Ledger, 8426
Hingham, Mass.
  Mss. relating to affairs in, 8179
Holbrook, D. C.
  Mss., 8196, 8198
Howard, Jacob M.
  Mss., 8055, 8106
————, Joshua
  Mss., 8427
———— and Toms
  Mss., 8083
Hunt, J.
  Mss., 8055
Hurlbut, C. (steamer)
  Logbook, 8428
Hubbard, B.
  Mss., 8119
————, R. J.
  Mss., 8119
————, T. H.
  Mss., 8119
———— and King
  Mss., 8121, 8123

MANUSCRIPTS—Continued
- Indiana (Ter.) Governor
  - Proclamation for organization of Wayne co., 8429
- Invitations, programs and literature by railroad and steamship co., 8112
- Irish relief committee. Michigan
  - Record book, 8430
- Jackson, C.
  - Mss., 8113
- ———, W. H.
  - Mss., 8053
- Jefferson, T.
  - Reply to speech of Indians concerning promises made at Treaty of Greenville, 8431
- Johnson, W. M.
  - Mss., 8115, 8116, 8119, 8121, 8123
- Joy, J. F.
  - Mss., 8136, 8138, 8139, 8143, 8144
- Kean, R.
  - Petition, 8432
- Kercheval, B. B., estate
  - Bank book, 8433
- Lansing and Howell plank road co.
  - Account book, 8434
  - Certificate stub-book, 8435
  - Ledger, 8436
  - Record book, 8437
  - Transfer book, 8438
- LaPlant, A., estate
  - Bank book, 8439
  - Sales book, 8440
- Larned, C., G. B. and S.
  - Mss., 8070, 8072
- ———, S.
  - Journal, 8441
  - Ledgers, 8442
- ——— and Ward
  - Letter books, 8443
- Lenox township, Macomb co.
  - Mss., 8165
- Lockwood and Clarke
  - Mss., 8046
- Loskiel, G. H.
  - Extempore on wagon, 8444
- Lossing, B. J.
  - Mss., 8195
  - [Papers representing material used in histories and biographies], 8445
- Lothrop and Duffield
  - Bill book, 8446
  - Claim books, 8447
  - Ledger, 8448
  - Letter books, 8449
- Ludden, N. T.
  - Journal, 8450
- Lunt, M. C.
  - Extracts—poetry and prose, 8451
  - Poems, 8452
- McCoskry, W.
  - Day books, 8453
- McGraw, T., & co.
  - Mss., 8160, 8161, 8162
- McLean, C. B.
  - Notes, 8454

MANUSCRIPTS—Continued
- Mack, S.
  - Account with Mack and Sibley, 8455
- Mack and Sibley
  - Account with S. Mack, 8456
- Manhattan banking co.
  - Account [book], 8457
- Margry, P.
  - Copies of papers relating to Cadillac, 8458
- Marlette. Relief committee
  - [Letters and telegram relating to burned district], 8459
- Martin, H. R.
  - Cash book, 8460
  - Journal, 8461
  - Sales of goods after taking inventory, 8462
- ——— and Curry
  - Journals, 8463
  - Ledgers, 8464
- Mason, J.
  - Mss:, 8127
- May, J.
  - Mss., 8075, 8131
- Maybury, W. C.
  - Mss., 8189
- Maynard, Meddaugh and Davison
  - Mss., 8132
- Mayne, T.
  - Deposition concerning abduction of T. Raynor, 8465
- Miamis co.
  - In account with J. Askin, 8466
  - Journals, 8467
- Michigan
  - Bond and mortgage co.
    - Certificate stub-book, 8480
  - College of medicine
    - Certificate stub-book, 8481
  - Commission of inquiry into minimum wage for women
    - [Report], 8468
  - Dental association
    - Record book, 8469
  - University
    - Harris hall
      - Check stub-books, 8470
    - Law dept.
      - Lecture course on international law, 8471
    - Monroe branch
      - Report of principal, 8472
- ——— (Ter.)
  - Cavalry
    - Muster roll, 8473
  - Citizens
    - Resolutions for change of government, 8474
  - Governor
    - Bank Book, 8475
    - [Inquiry regarding permission to people of Detroit to cut timber], 8476

MANUSCRIPTS—Continued
            Proclamation [of power of Congress to disapprove laws adopted by governor and judges], 8477
        Laws, statutes, etc.
            Act making certain appropriations, 8478
        Supreme court
            Presentment of grand jury, 8479
    Miller, S. D.
        Account book, 8482
        Agency book, 8483
        Cash book, 8484
        Journals, 8485
        Ledgers, 8486
        Letter books, 8487
        Letters to, 8488
        Mss., 8116
    ———, S. T.
        Check stub-books, 8489
        Diary, 8490
    Miscellaneous mss., 8048, 8062, 8117, 8122, 8126, 8172, 8174, 8176, 8180, 8182, 8184, 8199, 8201
    Mitchell and Newell
        Journal, 8491
    Mizner, H. R.
        Mss., 8492
    Monroe, W.
        Mss., 8157
    Montreal. Notarial archives
        [Records], 8493
    Moore, W. A.
        Bank book, 8494
        Check stub-book, 8495
        Letter book, 8496
    ——— and Blackmar
        Ledger, 8497
    ———, Canfield and Warner
        Rent book, 8498
    ——— and Griffin
        Claim book, 8499
        Letter books, 8500
        Receipts and disbursements, 8501
    Munroe (Monroe)—Burton genealogy
        Mss. relating to, 8050
    New England society. Michigan
        Record book, 8502
    New York and Mich. lumber co. Detroit agency
        Journal, 8503
    Northwest Territory
        Laws, 8504
    Northwestern mining co. of Detroit
        Certificate book, 8505
    Norton, J.
        Mss., 8107
    O'Flynn C.
        [Abstract of titles to land in Detroit], 8506
        Mss., 8166
    P. F. U. rubber co.
        Certificate stub-book, 8507
        Letter book, 8508

MANUSCRIPTS—Continued
    Palmer, T.
        Mss., 8153
    ——— family
        Mss., 8200
    Pilcher, E. H.
        [Record of] marriage certificates, 8509
    Pine Lake (steamer)
        Logbook, 8510
    Pingree, Mrs. F. A.
        Scrapbooks, 8511
    ———, H. S.
        Scrapbooks, 8512
    Plessis, J. O.
        Extract from journal of pastoral visitation, 8513
    Ploughboy (steamer)
        Account book, 8514
    Pontiac mss., 8515
    ——— mill co.
        Accounts, 8516
    Porter, F. B.
        Mss., 8517
    Post, H.
        Scrapbook of Wayne co. circuit court reports, 8518
    Potawatomi Indians
        Deeds, 8519
    Prentis, J.
        Mss., 8056
    Procter, H.
        Regulations of civil government of Territory of Mich., 8520
    Protestant Episcopal church. Diocese of Michigan
        Letter book, 8521
    ———— orphan asylum
        Register of transactions of Female benevolent society, 8522
    Randall, C. C.
        Day book, 8523
    Reid, J. (tugboat)
        Logbook, 8524
    —— wrecking co. vs. schooners "C. G. King" and "Donaldson", 8525
    Rice and Meeker
        Mss., 8133
    Richard, G.
        Circular letter soliciting assistance in rebuilding parish church of Ste. Anne, 8526
        Draft of resolutions for formation of Society of Catholic schools in Mich. Territory, 8527
    Rivard family
        Mss., 8039
    Romeyn, T.
        Mss., 8046, 8061, 8075
    Root, C., and co.
        Mss., 8110
    Ross, R. B.
        Old-time fun, 8528
    Ryan and Bourke
        Sales book, 8529

MANUSCRIPTS—Continued
St. Mary's hospital
  Mss., 8155
  Register of co. patients, 8530
—. ——— River improvement co.
  Survey of aqueduct at village of St. Mary, 8531
Sanders, R.
  Mss., 8150
Sandwich, Ont. Assumption church
  Livre de comptes de la fabrique, 8532
  Registre de la paroisse, 8533
Sargent, W.
  Proclamation for organization of Wayne co., 8534
Sault Ste. Marie. Revenue office
  Mss. from, 8139, 8140
Scott, W. McD.
  Ledger, 8535
Services at funeral of L. T. Hemans, 8536
Sibley, E. S.
  Mss., 8178, 8181, 8183, 8185
——, H. S.
  Letter books, 8537
——, S.
  Cash book, 8538
  Mss., 8173, 8175
  Note book, 8539
Smith, James C.
  Check stub-book, 8540
——, Joshua
  Journal in America, 8541
Society of the army of the Tennessee
  Press headquarters register, 8542
Toms, R. P.
  Mss., 8058, 8069, 8071, 8079, 8081, 8083, 8085, 8087, 8089, 8091, 8093, 8095, 8097, 8099, 8124, 8192
Trowbridge, C. C.
  Cash books, 8543
  Check stub-books, 8544, 8545
  Expense books, 8546
  Inventory books, 8547
  Land book re Allegan adventure, 8548
  Ledger, 8549
  Letter books, 8550, 8551
  Mss., 8107, 8108, 8109, 8010, 8158, 8197
————, —. —., estate
  Check stub-book, 8552
  Inventory book, 8553
  Investment ledger, 8554
  Journal, 8555
————, L. S.
  Mss., 8188, 8204
Truesdail, W.
  Journal, 8556
  Ledger, 8557
Tuttle, C.
  Journal, 8558
United States
  Army. Commissary dept.
    Detroit
      Bakehouse accounts, 8560
      Ledger of contractor's agent, 8561
      Letter book of J. Henry, 8562
      Stock account books, 8563

MANUSCRIPTS—Continued
    Ledger for supplies, 8559
    Mackinac
      Inventory of rations, 8564
  Attorney. Michigan district
    Docket of causes, 8565
    Letter books, 8566, 8567
  Bureau of the census
    [Census rolls of Mich. Territory], 8568
  Circuit court. Michigan. Eastern district
    Term docket for Judge Wilkins, 8569
  Congress. Committee on government of western territory
    Report, 8570
  Custom house
    Detroit
      Cash book, 8571
      Day books, 8572
      Impost book, 8573
      Journal, 8574
      Ledger, 8575
    Mackinac
      Journals, 8576
      Ledgers, 8577
  General hospitals. Detroit
    Prescriptions for sick and wounded at Harper hospital, 8578
    Letter book, 8579
    Register of discharges, St. Mary's, 8580
    Register of furloughs at St. Mary's, 8581
  Land office
    Records, 8582
  Marshal. Michigan
    Account book for U. S. causes in circuit and district courts, 8583
    Eastern district
      Account book for causes in bankruptcy, 8584
      Cash book, 8585
      Docket of causes for service of writs, 8586
      Docket of causes for service of commissioner's warrants, 8587
      Letter books, 8588
    Huron and Detroit district
      Account with Wm. McDowell Scott, 8589
  President
    Commission to S. Sibley, 8591
  Secretary of state
    Passport to G. Duffield, 8592
  Superintendent of Indian affairs. Michigan
    Record book of licenses to traders, 8590
Van Dyke and Emmons
  Claim book, 8593
  Journal, 8594
  Letter books, 8595
  Mss., 8041, 8057, 8068, 8073, 8080, 8090, 8094, 8096

MANUSCRIPTS—Continued
  ——— and McNeil
    Ledger, 8596
  Van Husan, C.
    Check stub-books, 8597, 8598
    Letter book, 8599
  ———, C., estate
    Letter book, 8600
  Wadsworth, Wm. and Wedworth
    Mss., 8177
  Ward, J.
    Mss., 8134, 8137, 8144, 8146
  —— and Palmer
    Mss., 8134, 8137, 8145, 8146
  Wayne co.
    Bible study
      Record books, 8601
    Clerk
      Marriage affidavits, 8602
    Justice of the peace
      Docket of causes, 8603, 8604
    Medical society
      Record book, 8605
    Northwest Territory
      County tax, 8606
      Justice of the peace
        Docket of causes, 8607
    [Records, etc.], 8005
  Wendell, E.
    Mss., 8205
  Wilkins, R.
    Mss., 8065, 8098, 8101, 8103
  Wilkinson and Post
    Mss., 8159, 8162, 8167, 8168
  Williams, J. M.
    Cargo book, 8608
  ———, J. R.
    Account book, 8609
    Cash book, 8610
    Day books, 8611
    Ledgers, 8612
    Letter book, 8613
    Mss., 8038, 8118, 8125, 8128, 8148, 8151, 8156
    Sales book, 8614
  ———, [illegible], estate
    Check stub-book, 8615
  ———, T.
    Day books, 8616
    Ledgers, 8617
    Mss., 8147, 8156
  Willmarth, H.
    Memorandum books, 8618
  Winder, J.
    Bank book, 8619
  Wing, N. H.
    Check stub-book, 8620
    Diary, 8621
    Land books, 8622
    Ledgers, 8623
    Mss., 8067, 8120
    Memoranda of demands, 8624
  ———, [illegible], estate
    Bank book, 8625-8627
    Cash books, 8628
    Check stub-books, 8629
    Inventory book, 8630

MANUSCRIPTS—Continued
  Wolfschlaeger, L., estate
    Disbursements by M. E. Woodworth, administrator, 8631
  Wolverine knitting co.
    Record book, 8632
  Woodbridge, W.
    Account book, 8633-8635
    Bank book, 8636, 8637
    Cash books, 8638
    Claim books, 8639
    Diaries, 8640
    Ledger, 8641
    Ledger accounts, 8642
    Mss., 8051, 8066
  Wright, J. L., and bros.
    Balance book, 8643
  ———, P. P.
    Mss., 8141, 8142

Maple Hill
  Polk & co.: Directory, 5763

——— River
  Avery: Overflowed lands on Maple River, 165
  [Michigan. Board of internal improvement: Communication transmitting] report of J. Almy on survey, 3185
  ———. ——— — ——— ———.
  ——: Report in compliance with resolution of senate, 3201

Maps and atlases
  Cities, towns and villages, 7604-7755
  Counties, 7408-7603
  Geological and topographical, 7756-7822
  Great Lakes region and Old Northwest, 7073-7140
  Harbors, 7934-7958
  Islands, 7871-7877
  Lakes and bays, 7878-7933
  Lands, 7846-7870
  Mines and mineral regions, 7823-7845
  Miscellaneous, 8024-8036
  Railroads and roads, 7996-8023
  Rivers, straits and canals, 7959-7995
  Sections, 7376-7407
  State of Mich., 7141-7375
  See also Automobiles. Road guides; Canada. Maps; Detroit. Atlases; Detroit. Maps; Great Lakes and Great Lakes region. Maps; Michigan. Atlases; Michigan. Geological survey; Michigan. Maps; Northwest, Old. Maps; names of cities, counties, harbors, islands, lakes, lands, mines, mineral regions, railroads, rivers, roads, and straits

March, W. [pseud.]
  [Willcox]: Shoepac recollections, 6934, 6935

Margry, P.
  Copies of papers relating to Cadillac, 8458
  Découvertes et établissements, 2878

MARIETTA, OHIO
Blanchard: Discovery and conquests of Northwest, 386
[Kaler]: Benjamin of Ohio, 2463
Marine City
Meech: Port Huron and St. Clair co. directory, 2935
Wolverine directory co.: St. Clair co. directory, 7008
Marine course finder
Long: Marine review course finder, 2758
Marine history, 2879
Marine review publishing co.
Time and distance tables for lake ships, 2880
Markers, see Monuments
Marl
Hale: Marl, 2012
Kedzie: Management of swamps, 2480
———: Marl, 2482
Map of Branch co. showing territory within which marl deposits of Mich. Portland cement co. are located, 7431
Marlette. Relief committee
[Letters and telegram relating to burned district], 8459
Marquette, J.
Baker: St. Joseph-Kankakee portage, 191
Hulst: Indian sketches, 2267
Old North-west leaflets, 5594
Verwyst: Missionary labors in Lake Superior region, 6759
Winsor: Joliet, Marquette and LaSalle, 6994
Marquette
Annual statement, 2881
Board of education
Catalogue of schools, 2882
Charter, 2883-2887
Childs: Marquette, Mackinac Island and "Soo", 669
Citizens
Marquette, 2888
Citizens association
Marquette, Mich. Illustrated, 2889
City commission
Reports, 2890
Description
Marquette. Citizens: Marquette, 2888
————. ——— association: Marquette, Mich. Illustrated, 2889
Directories
Holland: Gazetteer of Marquette co., 2184
Polk & co.: Directory, 5778
Donnan: Marquette in 1900, 1535
Map
[Birds eye view], by Beck and Pauli, 7743
Marquette, Houghton and Ontonagon railroad
[Brooks]: L'Anse, 451
————, and Mackinac railroad
[Burt]: Marquette and Mackinac railroad, 507

MARQUETTE—Continued
———— and Ontonagon railroad co.
Memorial against transferring land grant to another co., 2891
———— and state line
Britton and Gray: Ontonagon and state line and, 443
Quadrangle map, see Quadrangle maps
———— **Bay**
Chart, by T. S. Thompson, 7896
———— **county**
Beard's directory and history, 322
Biographical record, 369
Holland: Gazetteer, 2184
Polk & co.: Directory, 5778
St. Mary's canal mineral land co.: Reports upon value of co's lands in iron region, 6125
————, **Diocese of**
Rezek: History of, 5966
———— **Harbor**
Chart, by U. S. War dept., 7947
Preliminary chart, by U. S. War dept., 7946
———— **house of correction,** see Michigan. State house of correction and branch of state prison in Upper Peninsula
———— **iron ore association**
Improvement of St. Mary's River and canal, 2892
———— **iron region**
Brooks: Analysis of cost and description of methods of mining, 448
Rominger: Marquette iron region, 6014
Van Hise: Marquette iron-bearing district, 6745
—— ——: Preliminary report on Marquette iron-bearing district, 6744
———— **normal school,** see Michigan. Northern state normal school
———— **schist region**
Williams: Greenstone schist areas, 6944
Marquis, A. N.
Book of Detroiters, 2893, 2894
Industries of the Bay cities, 2895
————, **S. S.**
Society of colonial wars. Michigan: Paul Revere of West, 6327
Marriage and divorce
Detroit. Committee on equitable legislation: Treatise on proposed changes in law of marriage, 1107
———. First Presbyterian church: Records [of marriages], 8317
———. Ste. Anne's church: Registre, 8328
Michigan. Dept. of state: Annual report on registration of marriages and divorces, 3471
————. Laws, statutes, etc.: Laws relating to registration of births, deaths, marriages, 3835
————. ——, ————, ——.: Laws concerning marriages, 3906
Pilcher: [Record of marriage certificates], 8509

MARRIAGE AND DIVORCE—Continued
Powers: Mich. law of marriage and divorce, 5861
Richberg: Incongruity of divorce laws of U. S., 5975
Wayne co. Clerk: Marriage affidavits, 8602
See also Michigan. Census; Michigan. Statistics, vital

Marsh hay
Kedzie: Chemical composition, 2469

Marsh, C. D.
On cyclopidae and calanidae of Lake St. Clair, 2896

Marshall, C. E.
Bacteriology, 2897
Grassy curd and cheese, 2898
Popular discussion of pure milk supply, 2899
Tuberculosis, 2900-2902
Vinegar, 2903

———, J.
Burton: Mss., 8129
Detroit. Bar association: "John Marshall day," 976

———, M.
Guide to special and test diets in university hospital, 2904

———, O.
Report of scarlet fever at North Lansing, 2905

———, O, H,
Building and voyage of Griffon, 2906
De Céloron's [Céleron's] expedition to Ohio, 2907
Historical writings, 2140

———, R. B.
Results of spirit leveling in Mich., 2908, 2909

———, W. L.
U. S. Congress. House. Committee on rivers and harbors: St. Mary's River at the falls, 6656

Marshall
Board of education
Catalogue, course of study and regulations of schools, 2910
Charter, 2911, 2912
Directories
Nedham: Battle Creek and Marshall city directory, 5533
Polk & co.: Battle Creek city directory, 5760
History
Frink: Reminiscences, 8401
Maps
Plan, by O. Wilder, 7744

Martin, H. R.
Cash book, 8460
Journal, 8461
Sales of goods after taking inventory, 8462

———, L.
Van Hise: Geology of Lake Superior region, 6743

MARTIN AND CURRY
Journals, 8463
Ledgers, 8464

Martindale, C.
Loughery's defeat, 2913

———, F. C.
Digest of automobile laws, 2914
Michigan. Constitution: Constitution, 3311, 3312
———. Dept. of state: Digest of automobile laws of various states, 3497
———. ———. — ———: List of state officers, 3507

Marvine, A. R.
Pumpelly: Copper district of Upper Peninsula, 5894

Marx, O. B.
Address before U. of M. club, 2915

Mason, H. D.
[Proposition for purchase of Southern railroad], 5879

———, J.
Mss., 8127

———, O. T.
Sons of the American revolution. District of Columbia society: Battle fields of Maumee valley, 6334

———, S. T.
Howard: Protest against committee to inquire into overpayment of governor's salary, 2219
Macomb: Letter to the governor, 2860
Michigan. Dept. of state: Returns of election for governor and lieutenant governor, 3524
———. Governor: [Messages and communications], 3584-3607
———. Legislature. House. Committee on payment of certain sum of money to governor: Report, 4192, 4193
———. Mason monument commission: [Invitation to ceremonies at unveiling of monument], 4770
——— (Ter.) Governor: Message, 5335-5337
——— ——— Legislative council: Special session, 1835; message of S. T. Mason, 5357
Proceedings, unveiling ceremonies of Mason monument, 5877
Schoolcraft: Communication relative to geographical names, 6161
To people of Mich., 2916

Mason
Charter, 2917
Quadrangle map, see Quadrangle maps

——— county
Buckley and Douglas lumber co.: Few facts about farm and fruit lands, 482
[Elsworth]: Mss. notes, newspaper files and clippings, 8387
———: Wayside notes, 8388
History, 2161
Polk & co.: Directory, 5776
[Swigart]: Tract in, 6445

MASON COUNTY—Continued
Standard map co.: Atlas and farm directory, 7521

Masonville
Polk & co.: Directory, 5767

Massingham, W. J.
Lake Superior and other poems, 2918

Mast, P. P., & co.
New map of Ohio, Indiana and Mich., 7292

Masters in chancery
Michigan. Dept. of state: Report of number, 3519

Maternity hospitals
Michigan. Laws, statutes, etc.: Laws relating to, 3849

Mather, S. T.
U. S. National park service: Report on proposed sand dunes national park, 6677

[Mathews, A.]
History of Cass co., 2919

———, Mrs. L. K.
Erie canal and settlement of West, 2920

——— Northrup co.
Map of Mich. and Wisconsin, 7329
Up-to-date map of Detroit, 7656
——— ——— — Mich., 7341

Mathewson, S.
Map of Flint, 7704

Matlack, L. C.
History of American slavery and Methodism, 2921

Matthews, J. A.
Alger Republican club, 2922

Mattice, A. E.
How Mich. was made, 2923

Maumee Bay
Chart, by U. S. War dept., 7897

——— branch railroad co.
Michigan. Board of internal improvement: Communication accompanying certain requests and propositions from agents of, 3180
———. Legislature. House. Committee on ways and means: Report in regard to aid, 4267

——— and Havre branch railroad
Michigan. Legislature. House. Committee on internal improvement: Report, 4107

——— valley
Knapp: History of, 2555
Slocum: History of Maumee River basin, 6257
Sons of the American revolution. District of Columbia society: Battle fields, 6334

Maxwell, H.
Wood-using industries of Mich., 2924

———, W. J.
Greek letter men of Mich., 2925

MAY, C. S.
Equal suffrage, 2926
Farmers' movement, 2927
How we are governed, 2928
Political reform, 2929

———, D.
Michigan. University: Memorial, 5196

[———, J.]
Memorial of citizens of Indiana Territory, 2930

———, M.
State of Mich. Supreme court; Mary May vs. city of Grand Rapids, 2931

Maybury, W. C.
Detroit. Mayor: Message, 1224
Mss., 8189

Mayhew, I.
Michigan. Dept. of public instruction: Compilation from annual reports, 3369
———. Laws, statutes, etc.: Statutes relating to primary schools, 3926
———. State teachers' association: Memorial, 5110
Popular education, 2932
Reports of superintendent of public instruction, 2933
Statutes relating to primary schools, 2934

Mayne, T.
Deposition concerning abduction of T. Raynor by British officers, 8465

Mayo, Mrs. M. A.
Buell: One woman's work, 483

Meader, C. L.
Michigan. Schoolmaster's club: List of books recommended for a high school classical library, 4838

Meadows
Davis: Locusts, 932

Measles
Michigan. State board of health: Special reports relative to communicable and preventable diseases, 4930

Mechanical drawing
Michigan. University. College of engineering. Mechanical dept.: Drawing standards and conventions, 5262

Mechanics' and laboring men's cooperative associations
Michigan. Legislature. Senate. Select committee: Report relative to petitions asking passage of law to authorize formation of, 4731, 4732

——— liens
Fick: Mechanics' lien law, 1695
Michigan. Laws, statutes, etc.: Mechanics' lien law, 3907
Wilkinson: Treaties on law of mechanics' liens on real property, 6930.

Mechem, F. R.
Michigan. Political science association: Papers and addresses on primary reform, 4794

MECOSTA COUNTY
  Hayes: Atlas, 7522
  [Map], by U. S. Postoffice dept., 7523
  Polk & co.: Directory, 5763
  Portrait and biographical album, 5840
Mediation and conciliation, see Michigan. Board of mediation and conciliation
Medical colleges, see Detroit college of medicine and surgery; Michigan college of medicine; Michigan. School of homeopathy and surgery; Michigan. University. Homeopathic medical school; Michigan. University. Medical school; Michigan. University. Training school for nurses; Michigan. University. University homoeopathic hospital; Michigan. University. University hospital
——— **education**
  Michigan. State board of registration in medicine: Rules and regulations relating to standard of preliminary and medical education, 4953
——— **geography**
  Baker: Climate and health in Mich., 193
——— **library**
  Dock: Medical library at U. of M., 1530
——— **sanitarium,** see Battle Creek sanitarium
——— **societies**
  Ann Arbor medical club: Banquet, 132
  See also Michigan. Homeopathic medical society; Michigan. State eclectic medical and surgical society; Michigan. State medical society; Michigan. State veterinary medical association; Wayne co. Medical society
Medicine
  Kedzie: Report on labelling medicine, 2485
  Physicians', dentists' and druggists' directory of Mich., 5733
  Ranney: Achievements in medicine, 5917
  ———: Observations upon progress of medical science, 5921
  See also Homeopathy; Michigan. State board of health
Medina
  Ingals: Fearful tragedy, 2298
Meech, C. E., & co.
  Port Huron and St. Clair co. directory, 2935
Meek, S. E.
  Synoptic list of fishes, 2936
Meeker, R. D.
  Digest of laws of Mich., 2937
Meginness, J. F.
  Biography of F. Slocum, 2938
Meldrum, G.
  Askin: Mss., 8037
Melish, J.
  Map of seat of war in North America, 7132
Memoir of Mrs. J. T. Woodbridge, 2939
MEMORIAL DAY
  Detroit. Public library: Selected list on, 1326
  Duffield: Our soldier-dead, 1558
  Hubbardston. Citizens: Decoration ceremonies, 2252
  Michigan. Dept. of public instruction: Memorial day, 3407, 3408
  Pattengill: Special day exercises, 5672
——— monument at site of Fort Michilimackinac, 2940
——— of A. B. Palmer, 2941
——— — C. R. Ward, 2942
——— — freeholders of 9th ward, Detroit, 2943
——— — L. D. Norris, 2944
——— — Miss E. Page, 2945
——— — Rev. J. Ballard, 2946
——— — S. Barstow, 2947
——— record of Northern Peninsula, 2948
Memory day
  [Daniells]: History of, 909
Memphis
  Meech: Port Huron and St. Clair co. directory, 2935
  Wolverine directory co.: St. Clair co. directory, 7008
Men of Mich., 2949
——— — **progress**
  Evening news association: Men of progress, 1622
Menard, R.
  Verwyst: Missionary labors in Lake Superior region, 6759
Mendenhall, C. S.
  Road map of Mich., 7342
———**, T. C.**
  Boundary line between Ohio and Mich., 2950
Meningitis
  Michigan. State board of health: Advice for restriction and prevention, 4884
Menominee
  Charter, 2951
  Directory
    Polk & co.: Directory, 5779
  Maps
    Chart of Menominee Harbor, including city, by U. S. War dept., 7948
    Menominee special map, by U. S. Geological survey, 7791
  Spies public library, see Spies public library
——— **county**
  Ingalls: Centennial history, 2296
  ———: Iron mines, 2297
  Ogle & co.: Standard atlas, 7524
——— **Harbor**
  Chart, by U. S. War dept., 7948
——— **iron district**
  Bayley: Menominee iron-bearing district, 290
  Nursey: Menominee iron range, 5576
  Rominger: Marquette iron region, Menominee iron region, 6014
  Swineford: Menominee iron range, 6448

MENOMINEE QUADRANGLE
- Van Hise: Description, 7790

——— schist region
- Williams: Greenstone schist areas, 6944

——— special folio
- Van Hise: Menominee special folio, 6746

Mercer, L. P.
- In memoriam; biographical sketch of E. H. Drake, 2952

Merchant, L. J.
- Fruit garden of West, 2953

Merchants' and manufacturers' mercantile agency
- Directory of bonded attorneys, 2954

Mereness, N. D.
- Travels in American colonies, 2955

Merino sheep breeders' association, see Michigan. Merino sheep breeders' association

Merrell, E. H.
- J. S. Horner, 2956

Merriam, Dr. C. E.
- Michigan. Political science association: Papers and addresses on primary reform, 4794

———, J. M.
- Legislative history of Ordinance of 1787, 2957

Merwin, S.
- Whip hand, 2958

Metcalf, M.
- Success in propagating Cal. trout, 2959

Metcalfe, S. L.
- Collection of narratives of Indian warfare, 2960

Meteorology
- Joy: Mss., 8144
- Lyster: Study of climate and topography of Lower Peninsula, 2789
- Michigan. State board of health: Principal meteorological conditions, 4909
- Volney: View of climate and soil of U. S., 6770, 6771

Methodist Episcopal church
- Conferences
  - Detroit
    - Clements: Itinerant ministry, 711
    - Journal and reports, 2961
    - Manual of Detroit deaconess home, 2962
  - Michigan
    - Memorial, 2963
    - Minutes, 2964
    - Programme, 2965
- Detroit
  - Cass Avenue Methodist Episcopal church
    - Directory, 1044, 1045
    - Prospectus, 1046
    - Year book, 1047
  - Central Methodist Episcopal church
    - Central M. E. church; past, present and future, 1050
    - Central M. E. Sunday school, 1051
    - Directory, 1052
    - Names of members, 1053

METHODIST EPISCOPAL CHURCH—Continued
    - Order of exercises at laying of cornerstone, 1054
  - Churches
    - History and directory of churches of Detroit, 2141
    - Our churches, Detroit, 5619
    - See also name of church under Detroit
  - Circuit
    - Case: Journal, 8288
  - Congress St. M. E. church. Trustees
    - Deed, 8313
  - Deaconess home
    - Methodist Episcopal church. Conferences. Detroit: Manual of deaconess home, 2962
  - District Sunday school teachers' institute
    - Annual session, 2966
  - Tabernacle Methodist Episcopal church
    - Nash: History, 5521
    - Tabernacle M. E. Church, 1349
- Grand Rapids
  - Churches
    - Moerdyk: History, 5465
- Lansing
  - Central Methodist Episcopal church
    - Directory, 2636
- Matlack: History of American slavery and Methodism, 2921
- Michigan camp ground association
  - By-laws, 2967
- Pilcher, E. H.: Protestantism in Michigan, 5740
- ———, J. E.: Life and labors of E. H. Pilcher, 5741
- Pitezel: Historical recollections, 5747
- ———: Lights and shades of missionary life, 5748, 5749
- Robinson: Centenary sermon: Propagandism of Christianity as exemplified in planting and growth of Methodism in U. S., Michigan and Coldwater, 5993
- Striker: Historical address at Hastings, 6433
- Wilkins: Mss., 8065
- See also Adrian college; Albion college; Biographical sketches; Biographies; Missions and missionaries; Wesleyan Methodist church; name of institution, local church or organization

Mevis, D. S.
- Pioneer recollections, 2968

Mexican war
- [Michigan. Auditor general's office: Report of disbursements under appropriation by virtue of resolutions on war], 3142
- [———. Governor: Communication transmitting report of auditor general in compliance with resolution requesting report of disbursements], 3649

MEXICAN WAR—Continued
 [————. ————: Communication transmitting report of Acting Gov. Greenly of disbursements made by him under appropriation], 3651
 ————. ————: Communication transmitting statement of expenditure under act to defray expenses of enlisting volunteer regiment, 3653
 ————. Legislature. Senate. Committee on the militia: Brief statement of accounts for services rendered and expenses incurred in raising regiment of volunteers, 4603
 Williams: Mss., 8125, 8148
 See also Veterans of the war with Mexico. Michigan Association
Miamis co.
 In account with J. Askin, 8466
 Journals, 8467
Michels, J.
 Cheese problems, 2969
Michelson land and home co.
 New map of new north Woodward district, 7695
Michigamme
 Holland: Gazetteer of Marquette co., 2184
Michigan
 Academy of science
  Bulletin, 2970
  Presidential address, 2971
  Report, 2972
 Accident fund, see Michigan. Insurance dept.
 Acting commissioner on state buildings
  Communication, 2973
 ———— ———— to locate the capitol
  [Michigan. Governor: Communication transmitting report of acting commissioner], 3650
 Admission to union, see Michigan. Politics and government
 Adjutant general's office
  Flags, 2974
  Michigan. Auditor general's office: Communication showing names, salaries, etc. of clerks, 3107
  ————. Governor: Special message accompanied by reports of, 3631
  ———— in the war, 2975
  ————. Legislature. House. Committee on the militia: Report of committee to whom was referred report of adjutant and quartermaster general, 4182, 4183
  ————. ————. Senate. Committee on the militia: Report of committee to whom were referred so much of message of executive as regards militia, and also report of adjutant general, 4604
  ————. ————. ————. Special committee: Report of committee to whom was referred examination into expenditures, 4757

MICHIGAN—Continued
 Adjutant general's office—Continued
  Record of service of Mich. volunteers, 2976
  ———— — ————. Index, 2977
  Record, 3rd Mich. cavalry, 2978
  Report, 2979, 2980
  Roster of officers, 2981
  See also Michigan. Inspector general's office; Michigan. Quartermaster general's office
 Advisory board in the matter of pardons
  Intermediate sentence law, 2982
  Report, 2983
 Agent for selection of lands for agricultural college
  Communication, 2984
 Agricultural college
  Abbot: Manual labor at, 1
  Agricultural college bulletin, 2985
  ———— ———— of state of Mich., 2986
  Beal: Brief and popular account of trees and shrubs on grounds, 296
  ——: Forest products of museum of economic botany, 299
  ——: History of, 301
  Blaisdell: Semi-centennial celebration of, 384
  Bradford: Brief history and outline of work done by botanical club at, 421
  Bread, brawn, brain, 2987
  Catalogue, 2988-2990
  Clute: Education at, 717
  [Coldwater Republican?]: Agricultural college, 736
  Communication from president, 2991
  Dept. of agricultural education
   Agriculture in high schools, 3001
   Bulletin, 3002
   Circular, 3003
   Course in agriculture for high schools, 3004
   ———— — ———— —— public schools, 3005
   Home projects in agriculture, 3006
   Junior agricultural association, 3007
   Nature study, 3008
   Report of agriculture in high schools, 3009
   Supplementary suggestions for high school agriculture, 3010
  ——. — bacteriology, hygiene and pathology
   Laboratory manual, 3011
  ——. — botany
   Report, 3012
  Experiment station
   Alsike clover, 3013
   Bulletin, 3014
   Circular, 3015
   Doubtful substitutes for clover, 3016
   Elementary science bulletin, 3017
   Hog cholera situation, 3018

MICHIGAN—Continued
  Agricultural college—Continued
      Michigan. State board of agriculture: Annual report of secretary of board and annual report of experiment station, 4861
    Press bulletin, 3019
    Report of South Haven substation, 3020
    ——— — Upper Peninsula substation, 3021
    Special bulletin, 3022
    Technical bulletin, 3023
  Extension division
    Boys' and girls' club projects, 3024
    Bulletin, 3025
    Club bulletin, 3026
    Organization of clubs, 3027
    Outlines for lessons in home economics, 3028
  Fiske: Address on condition and office of, 1701
  Football program, 2992
  Johnson: Wheat, notes on varieties grown on college farm, 2417
  Johnstone: Agricultural education, 2420
  M. A. C. record, 2853
  Map of farm, garden and lawn, by R. C. Carpenter, 7858
  Marshall: Bacteriology, 2897
  Mayhew: Reports of superintendent of public instruction, 2933
  Michigan. Agent for selection of lands for agricultural college: Communication, 2984
  ———. Attorney general's office: Communication giving abstracts of title of state to agricultural farm, 3044
  ———. Legislature. House. Committee on agriculture: Report relative to establishing military school, 3974
  ———. ———. ———. Committee on agriculture and manufactures and committee on education: Report of committee to whom was referred so much of governors' messages as relates to college, 3979
  ———. ———. ———. Committee on banks and incorporations: Report relative to appropriations, 3985
  ———. ———. ———. Committee on the militia: Report relative to establishing military dept., 4184
  ———. ———. ———. Select committee: Report of committee appointed to consider preamble and resolution in relation to president, 4292
  ———. ———. Joint committee: Report relative to, 4384, 4385
  ———. ———. ———
    —: Report of committee to whom was referred so much of governor's message as relates to, 4386
  ———. ———. Senate. Committee on agriculture: Report relative to appropriations for, 4427
  ———. ———. ———. ———
    ——— — ———: Report of committee to whom was referred so much of governor's message as relates to college, 4428, 4429
  ———. ———. ———. Committee on agriculture and public instruction: Majority report on so much of governor's message as relates to, 4437
  ———. ———. ———. ———
    ——— — ——— ——— ———
    ———: Report of committee to whom was referred bill to establish branch in Grand Traverse country, 4436
  ———. ———. ———. Committee on military affairs: Report relative to providing for military instruction, 4598
  ———. State agricultural society: Memorial for, 4846
  ———. ——— ———:
    Memorial praying removal, 4847
  ———. State board of education: Memorial, 4877
  Peck: Memorial relative to, 5689
  Program, farmers' week, 2993
    Report of president, 2994
  Rules and laws, 2995
    Shaw: College farm buildings, 6212
  Souvenir, 2996
  Taft: Fruits at, 6459
  ——: Small fruit trials at college, 6480
  Ten years of progress, 2997
  Triennial catalogue, 2998
  Wells: Memorial asking appropriation, 6858
  Willits: Inaugural address, 6962
  Wolverine, 2999
  Year book, 3000
Agricultural society, see Michigan. State agricultural society
Almanac
  Michigan almanac, 5360
  Smith & co.: Peninsula state almanac, 6292
  Wilkins: Mss., 8103
[Almy]: State of Mich., 68
Altitudes
  Marshall: Results of spirit leveling in Mich., 2908, 2909
Alumnus, 5361, 5362
Andersonville monument commission
  Report, 3029
Antiquities, see Antiquities

MICHIGAN—Continued
Anti-slavery state convention
Report of proceedings, 3030
Anti-tuberculosis association
Annual report, 3031
Bulletin, 3032
Warthin: Organization of state association, 6807
Appraisers, see Michigan. Board of appraisers
Art co.
Men of Mich., 2949
Artists, see Artists
Association of city clerks
Third annual convention, 3033
———— — elocutionists
Proceedings, 3034
———— — farmers' clubs, see Michigan. State association of farmers' clubs
———— — judges
Addresses, 3035
14th annual meeting, 3036
Asylum for the deaf, dumb and blind
Michigan. Legislature. House. Committee on the asylum for the deaf and dumb and the blind: Report of committee to whom was referred so much of governors' messages as relate to asylum, 3980
————. ————. ————. Committee on ways and means: Report relative to making appropriations, 4268
————. ————. ————. Special committee: Report of committee on subject of, 4367
————. ————. ————. ———— ————: Report of committee to visit asylum, 4368
————. ————. Senate. Committee on the asylum for the deaf and dumb and the blind: Report relative to condition of institution, 4440
————. ————. ————. ———— ———— ———— ————: Report of committee to whom was referred part of governor's message relative to asylum, 4441
————. ————. ————. ———— ———— ———— ————: Report of committee to whom was referred so much of governor's message as relates to subject, 4442
————. ————. ————. ———— ———— ———— ————: Report of committee to whom was referred so much of the governor's message as relates to institution, 4443
————. ————. ————. ———— ———— ———— ————: Report on part of governor's message relating to claims of asylum, 4459

MICHIGAN—Continued
Asylum for the deaf, dumb and blind—Continued
See also Michigan. School for the blind; Michigan. School for the deaf
———— for the insane
Michigan. Legislature. House. Committee on the asylum for the insane: Report, 3981
————. ————. ————. Committee on ways and means: Report relative to appropriations for, 4269
————. ————. ————. Special committee: Report of committee on subject of, 4367
————. ————. Senate. Committee on the asylum for the insane: Report relative to amount expended for construction, 4444
————. ————. ————. Committee on the asylum for the insane: Report [relative to construction and management of buildings], 4445
See also Michigan. Asylums; Michigan. Ionia state hospital; Michigan. Kalamazoo state hospital; Michigan. Newberry state hospital; Michigan. Pontiac state hospital; Michigan. Traverse City state hospital
Asylums
Ellis: Memorial in favor of homeopathic treatment, 1596
Michigan. Legislature. Senate. Special committee: Report of committee to whom was referred report of, 4752
————. ————. ————. ———— ————: Report of committee to whom was referred report of trustees of state asylums, 4753
Report, 3037-3039
See also Michigan. Asylum for the deaf, dumb and blind; Michigan. Asylum for the insane; Michigan. Board of commissioners on location and site for an additional asylum for the insane; Michigan. Commissioners on location of eastern asylum for the insane; Michigan. Ionia state hospital; Michigan. Kalamazoo state hospital; Michigan. Newberry state hospital; Michigan. Pontiac state hospital; Michigan. School for the blind; Michigan. School for the deaf; Michigan. Traverse City state hospital
Athletic association
Articles of association, 3040
Atlases
Beers: County atlas, 7279
Bowen's state atlas, 7367
Cram's superior reference atlas, 7351
New ideal state and county survey and atlas, by Rand, McNally & co., 7360
Rand, McNally & co.'s illustrated atlas, 7348
Tackabury's atlas, 7312

MICHIGAN—Continued
  Atlases—Continued
    Walling: Atlas, [illegible]
    See also Michigan. Maps
  Attorney general's office
    Annual report, 3041
    Communication, 3042-3046
    Laws of U. S. granting lands, 3065
    Michigan. Charities and corrections, 3245
    ————. Laws, statutes, etc.: Laws relating to juvenile courts, 3893
    ————. ————, ————, ————: Laws relating to state board of corrections and charities, juvenile courts, 3849
    Opinion, 3066-3072
    Railroad lands taxable, 3073
    Reply relative to settlement with Detroit and Pontiac railroad co., 3074
    Report, 3075-3087
  Auditor general's office
    Accountant's manual, 3088
    Acts amending tax laws, 3089
    Annual compilation relating to municipal taxation, 3090
    Annual report, 3091
    Communication, 3092-3120
    Compilation of annual reports of railroad corporations, 3121
    Erroneous bounties, 3122
    Hints and suggestions relative to keeping accounts at state institutions, 3123
    Inheritance tax law information, 3124
    Michigan. Governor: Special message [transmitting communication relating to laws on], 3613
    ————. Laws, statutes, etc.: Tax laws, 3932-3935
    ————. Legislature. House. Committee on ways and means: Report of committee to whom was referred resolution to inquire whether auditor general has paid over all moneys received, 4251
    ————. ————. ————. ———— ———— ———— ————: Report of committee to whom was referred memorials relative to return of taxes, 4281
    ————. ————. ————. Select committee: Report of committee to inquire and report facts in regard to alleged overdraft on treasury, 4357
    ————. ————. ————. Committee on finance: Report on reference of report of, 4469
    ————. ————. ————. ———— ———— ————: Report [on examination of accounts on books of], 4470
    ————. ————. ————. ———— ———— ————: Report of committee to whom were referred part of governor's message relating to finances and report of auditor general, 4480, 4481
    ————. State land office: Report on tax homestead lands and collection of delinquent taxes, 5003
    Powers: Mich. central vs. Perry F. Powers, 5863
    Reply to resolution relative to state lands, 3125
    [Reply to resolution asking about mandamus to deliver up bond as security to mortgage of Pontiac railroad co.], 3126
    Report, 3127-3143
    [Statement], 3144-3151
    Summary showing financial condition of state institutions, boards and commissions, 3152
    Table showing rate at which sinking fund will liquidate state debt, 3153
  Audubon society
    Butler: History, work and aims, 540
    Objects, 3154
    See also Michigan. Ornithological club
  Authors' league, 163
  Auto school, see Michigan state auto school
  Bank commissioners
    Bank commissioners' report, 3155
    Communication in relation to report of Bank of Washtenaw, 3156
    Report relative to condition of Farmers' bank of Genesee co., 3157
    Report on affairs and condition of Bank of Ypsilanti, 3158
    Report relative to Macomb co. bank, 3159
    Report relative to specie certificates, 3160
    Special report, 3161, 3162
    Special report exhibiting condition of banks, 3163
  Bank directory, 5363
  Bankers' association
    Annual convention, 3164
  Banking dept.
    Annual report, 3165
  Banks
    Reports, 3166
  Baptist convention
    Annual meeting, 3167
  Bar association, see Michigan. State bar association
  Battleship (Michigan)
    Wilkinson: Greetings from U. S. S. Michigan, 6931
  Biographies
    American biographical history, 82
    [Bingham]: Mich. biographies, 365
    Cyclopedia of Mich., 903, 904
    Educators of Mich., 1577, 1578
    Evening news association: Men of progress, 1622

MICHIGAN—Continued
Biographies—Continued
Memorial record of Northern Peninsula, 2948
Men of Mich., 2949
Michigan. Constitutional convention: Manual, 1907, 3325
——— poets and poetry, 5409
———. State library: Biographical sketches of American artists, 5009-5012
Military order of the loyal legion of the U. S. Michigan commandery: Circular[s], 5437
Moore: History of Mich., 5478
Newspaper cartoonists' association of Mich.: Gallery of pen sketches, 5540
Nimmo: Men of '05, 5552
Portrait and biographical record of northern Michigan, 5843
Reed: Bench and bar of Mich., 5941
Sons of the American revolution. Michigan society: Year book, 6337
State Republican: Legislative souvenir, 6384
Stocking: Michigan's New Hampshire pathmakers, 6411
Tuttle: General history, 6607
See also Biographical sketches; Biographies; Michigan. History; under names of cities, counties, colleges and universities
Blind, see Michigan. Asylum for the deaf, dumb and blind; Michigan. Asylums; Michigan. Kalamazoo state hospital
Blind school, see Michigan. School for the blind
Board of agriculture, see Michigan. State board of agriculture
——— — appraisers
Report [in obedience to resolution requesting information in relation to proceedings as appraisers on public works], 3168
——— — state commissioners for the general supervision of charitable, penal, pauper and reformatory institutions
Pauperism and crime in Mich., 5677, 5678
——— — commissioners on location and site for an additional asylum for the insane
Report, 3169
——— — control of state swamp land roads
Record of proceedings, 3170
——— — education
Report in pursuance of act to establish state normal school, 3171
See also Michigan. State board of education
——— — examiners in optometry, see Michigan. State board of examiners in optometry

MICHIGAN—Continued
Board of fund commissioners
Michigan. Treasury dept: Communication in relation to bonds issued, 5133
Report [in pursuance of act to establish state bank of Mich.], 3172
Report, 3173
——— — internal improvement
Annual report, 3174
Communication, 3175-3185
Letter in reply to joint resolution of legislature, 3186
Michigan. Auditor general's office: Report in relation to moneys paid secretary of state as member of, 3132
———. ——— ———. ———: Report relative to moneys paid investigating committee, 3137
———. Legislature. House. Committee on internal improvement: Report of committee to whom was referred report of board, 4098, 4100
———. ———. ———. Committee on investigation: Report into accounts and proceedings of board, 4111
Report, 3187-3211
[Statement of indebtedness for and on account of Central railroad], 3212
See also Internal improvements; Michigan. Legislature. Senate. Committee on internal improvement
——— — law examiners, see Michigan. State board of law examiners
——— — managers of the Louisiana purchase exposition
[Invitation], 3213
——— mediation and conciliation
First annual report, 3214
——— prison industries
Report, 3215
——— — registration in medicine, see Michigan. State board of registration in medicine
——— — of state auditors
Annual report, 3216
Capitol, 3217
[Communication in reply to resolution requesting opinion whether H. B. Lathrop has claim rendering further legislative action necessary], 3218
Contract prices for printing and binding, 3219
Michigan. Laws, statutes, etc.: Laws relating to juvenile courts, 3893
———. Legislature. House. Select committee: Report of committee to whom was referred report of, 4295
——— — ——— ——— on land claims
Annual report, 3220
——— — state building commissioners
Acts providing for completion and furnishing building, 3221
Annual report, 3222
Final report, 3223

MICHIGAN—Continued
Board of state building commissioners—Continued
General instructions for guidance of architects, 3224
Laying corner-stone of new capitol, 3225
Proceedings at laying of corner-stone, 3226
See also Michigan. Capital and capitol
——— — ——— canvassers
Papers in removal of J. W. Jochim, 3227
——— ——— tax commissioners
Appraisal of mining properties, 3228
Cash value assessments, 3229
Communication transmitting data relative to operation of tax laws, 3230
Report, 3231
——— — trustees of state assets
Annual report, 3232
——— — World's Fair managers
Act creating board, 3233
Letter from President Weston, 3234, 3235
Report, 3236
Bond and mortgage co.
Certificate stub-book, 8480
Book, a state cyclopedia, 5364
Boundaries
Addison: Ohio boundary, 13
Galloway: Ohio-Mich. boundary line dispute, 1782
Hamer: Speech, 2024
Larzelere: Boundaries of Mich., 2681
Lyon: Communication to members of U. S. senate, 2779
——: Letter to Hon. L. Williams, 2780
——: Letters to L. Williams, 2781
——: To J. M. Clayton, 2782
Maps
Corrected map of country along proposed boundary between Mich. and Wisconsin to accompany report of Capt. Cram, 7384
General map to accompany report on survey, by Capt. Cram, 8026
International boundary line of Mich., by A. M. Soule, 8029
Map exhibiting country between lakes Mich. and Erie . . . contested boundary lines, by D. H. Burr, 7382, 7383
—— exhibiting position of several lines connected with boundary question, 8027, 8028
Plat of northern boundary of Indiana, 8025
State boundary lines in Great Lakes, 7880
Mendenhall: Boundary line between Ohio and Mich., 2950
Michigan. Commissioners to audit the claims for supporting the supremacy of the laws: Report, 3282

MICHIGAN—Continued
Boundaries—Continued
[———. Governor: Communication submitting papers relating to arrest of L. Brown], 3585
[———. ———: Communication transmitting copy of act to establish north boundary of Ohio], 3589
——— (Ter.) Constitutional convention: Appeal, 5332
Miller: Establishment of, 5446
Ohio. Co-operative topographic survey: Ohio-Michigan boundary, 5585
——. Governor: Message at 2d sess. of 33d assembly, 5586
——. ———: Special message in pursuance of act making appropriation to defray expense of carrying into effect laws in regard to northern boundary, 5587
——. Legislature: Report of joint select committee to whom were rereferred governor's message and accompanying documents on northern boundary, 5588
——. ———: Resolutions on northern boundary, 5589
Soule: International boundary line, 6344
——: Southern and western boundaries, 6345
Stuart: Verdict for Mich., 6435
U. S. 24th Cong., 1st sess.: Act to establish boundary of Ohio and for admission of Mich., 6635
—. —. Congress. House. Committee on the judiciary: Northern boundary of Ohio and admission of Mich., 6652
—. —. ———. Senate. Committee on the judiciary: Report [on bill to settle and establish northern boundary of Ohio], 6660
—. —. Engineer dept.: Message from President in relation to survey to ascertain and designate boundary between Mich. and Wisconsin, 6669
—. —. President: Message in relation to boundary line between Ohio and Mich., 6682
—. —. War dept.: Boundary—Ohio and Michigan, 6691
Way: Facts and historical events of Toledo war, 6819
Bowling club
Articles of association, 3237
Bridge and construction co., 5365
British governors
Hamilton: Proclamation, 8409
Bromme: Mich., 445
Budget
Heineman: Michigan's need of budget, 2099
Building and loan association league
Proceedings and papers, 3238

MICHIGAN—Continued
Building and loan associations
State organization, 3239
See also Building and loan associations
——— commissioners of the state house of correction
Report, 3240
Bureau of labor and industrial statistics
Annual report, 3241
——— ——— of inspection of factories, 3242
Michigan. Laws, statutes, etc.: Law relating to inspection of factories, 3859
See also Labor and laboring classes; Michigan. Dept. of labor
Capital and capitol
Blades: Driving first stake for, 381
Bours: History of Mich., 409
———: Inaugural proceedings at dedication of new capitol, 410
Duffield: New capitol, 1557
Michigan. Attorney general's office: Report relative to title to capitol building and grounds in Detroit, 3085
————. Board of state auditors: The capitol, 3217
————. Commissioners to locate the capitol: Report, 3281
[————. Governor. Communication transmitting report of acting commissioner to locate capitol], 3650
————. Legislature. House. Select committee: Report relative to state capitol, 4298, 4299
————. ——————. Senate. Committee on finance: Report relative to new capitol, 4474
————. ——————. ————. Committee on state affairs: Report on resolution relative to basement rooms of capitol, 4660
————. ——————. ————. ——— — —— ————: Report relative to papers and propositions for location of capitol, 4661
See also Michigan. Board of state building commissioners
Catholic bicentenary supplement, 5366
Cavalry
Harris: Mich. brigade at Gettysburg, 2058
———: Personal reminiscences, 2059
———: Story of rebellion, 2061
Isham: Historical sketch of 7th regt., Mich. volunteer cavalry, 2345
Kidd: Mich. cavalry brigade in Wilderness, 2527
———: Personal recollections of cavalryman, 2528
Lee: Personal and historical sketches of 7th Mich. regt., 2710
Michigan. Adjutant general's office: Record, 3rd Mich. cavalry, 2978

MICHIGAN—Continued
Cavalry—Continued
Thatcher: Hundred battles in West, 6516
Wells: "With touch of elbow," 6859
Weston: Documents and addresses while mayor of Grand Rapids, 6883
See also Michigan. Infantry; Michigan (Ter.) Cavalry
Census
[Map of Mich., giving population by counties], 7216
Michigan. Dept of state: Census and statistics, 3474-3486
————. ——. — ———: Communication giving number of colored population, 3487
————. ——. — ———: Communication transmitting census returns, 3491
————. ——. — ———: Communication transmitting to senate statement of population, 3495
U. S. Bureau of the census: 13th census with supplement for Mich., 6625
—. —. ——— — —— ———: 13th census, statistics for Mich., 6626
—. —. District court. District of Mich.: Abstract showing number of white inhabitants, 6666
See also Michigan. Statistics; Michigan (Ter.) Census
Centennial
McCracken: Mich. and centennial, 2811
Central board of control of state institutions
1st biennial report, 3243
——— state normal school
Dept. of hygiene and physical education
Michigan. Dept. of public instruction: Games, 3390
Year book, 3244
Chancery court
Harrington: Reports, 2051
Charities and corrections
Bliss: Mich. and her public institutions, 387
Charities and corrections, 3245
See also Michigan. Board of state commissioners for the general supervision of charitable, penal, pauper and reformatory institutions; Michigan. Commission on penal, reformatory and charitable institutions; Michigan. State board of corrections and charities
Christian missionary association
Proceedings, 3246
———— teachers' institute
Six lectures, 5384
Churches
Campbell: [Mss.], 8281

MICHIGAN—Continued
Circuit court
Detroit. Bar: Memorial relative to increase of salaries of circuit judges, 972
Michigan. Courts: Rules, 3332-3342
Stevens: Treatise on practice in actions at law, 6402
Straker: Circuit court commissioner's guide, 6423
——— ——— commissioners
Michigan. Attorney general's office: Communication relative to appointment, 3055
——— judges
Michigan. Dept. of state: Communication transmitting copies of opinion in regard to claims of judges for traveling expenses, 3492
Cities
Schooley: Among the Wolverines, 6185
City clerks' association, see Michigan. Association of city clerks
Classical conference
Proceedings, 3247
Climate
Leverett: Surface geology, 2727
Michigan. Geological survey: Climate of Mich., 3560
Seeley: Climate of Mich., 6197
Clover farms, 5385
Club
Annual banquet, 5386
Proceedings of annual meeting, 5387
See also Clubs
College
Michigan. Legislature. House. Committee on education: Report on petition of trustees, 4023, 4024
——— of medicine
Certificate stub-book, 8481
——— — mines
Annual report of director, 3248
Dept. of geology
Notes on rocks and minerals, 3256
Graduates, 3249
Handbook of library, 3250
Map of mineral district of northern Mich., 7834
Prospectus, 3251
Report of director, 3252
——— — president, 3253
Views, 3254
Wadsworth: Paper on Mich. mining school, 6775
Year book, 3255
Columbian club
List of members, 3257
Commission on high school course of study
Course of study, 3258
——— — industrial and agricultural education
Report, 3259
See also Michigan. State commission on industrial and agricultural education

MICHIGAN—Continued
Commission on inquiry, tax lands and forestry
Report, 3260
——— ——— — extent of mental defectiveness
Report, 3261
——— ——— inquiry on minimum wage legislation for women
Report, 3262, 8468
——— for the semi-centennial celebration
Official program, 3263
Semi-centennial, 3264
——— on penal, reformatory and charitable institutions
Report, 3265
——— of inquiry into taxation
Report, 3266, 3267
——— on vagrancy, disorderly conduct, habitual drunkenness, etc.
Michigan. State library. Legislative reference dept: Laws relating to vagrancy, 5059
Minor offenses, 3268
Commissioner of the Gettysburg cemetery
Report, 3269
——— of immigration
Michigan, by H. S. Stebbins, 7300
——— and its resources, 3270-3277
Report, 3278
See also Michigan. Public domain commission; Michigan. State agent of immigration
——— of the land office, see Michigan. State land office
——— of mineral statistics, see Michigan. Dept. of mineral statistics
——— of railroads, see Michigan. Railroad commission; Michigan. Railroad commissioner
——— of revision
Communication, 3279
Commissioners to review the county seat of Branch co.
Report, 3280
——— to locate the capitol
Report, 3281
——— to audit the claims for supporting the supremacy of the laws
Report, 3282
——— on location of eastern asylum for the insane
Report, 3283
[——— on the Grand Rapids canal]
Communication, 3284
——— to locate a state house of correction
Report, 3285
——— on incorporation of the Lansing coal co.
Memorial, 3286
——— on the compilation of the general laws
Report, 3287

MICHIGAN—Continued
Commissioners to settle with the Michigan state bank
Report, 3288, 3289
———— on the state penitentiary
Report on location, 3290
———— to settle with the River Raisin and Lake Erie railroad co.
Report, 3291
———— to locate and establish a school for the blind
Report, 3292
———— for settlement with Ypsilanti and Tecumseh railroad co.
Report, 3293
Committee of inspection of the Michigan military academy
Report, 3294
Compiled laws, see Michigan. Laws, statutes, etc.
Congregational association
Congregational churches of Mich., 769
Cutcheon: Fifty years growth, 894
Michigan. Laws, statutes, etc.: Digest of general statutes on religious corporations, 3848
Minutes, 3295
See also Congregationalists
Conservatory of music
Catalogue, 5388
Constitutional commission, 1873, see Michigan. Constitutional conventions
Constitutional conventions
Constitutional convention, 1835
Journal, 3314
Rules, 3315
Woodbridge: Mss., 8051
———— ————, 1850
Journal, 3316
Manual, 3317
Michigan. Dept. of state: Communication relative to expenses of, 3490
————. Legislature. House. Select committee: Report on propriety of calling convention to revise constitution, 4304
————. ————. Senate. Committee on finance: Report on bill to provide for expenses of, 4476
Report of proceedings, 3318
[Stevens]: Mich. constitutional convention of 1850, 6398
———— ————, 1867
Debates, 3319
Journal, 3320
Manual, 3321
Morton: Prohibition, 5488
———— ————, 1873
Journal of constitutional commission, 3322
———— ————, 1907-1908
Clapperton: Address; taxation in constitution, 688
Fairlie: Mich. constitutional convention, 1630

MICHIGAN—Continued
Constitutional conventions—Continued
Handbook, 3323
Journal, 3324
Manual, 3325
Michigan. State library. Legislative reference dept.: [Documents compiled for committee on printing], 5056
Moffett: Municipal ownership, 5467
Proceedings, 3326
Report of committee on submission, 3327
See also Michigan. State library. Legislative reference dept.; Michigan (Ter.) Constitutional convention
———— ———— association
Proceedings, 3328
Constitutions
Constitution, 1835
Biddle: [Votes on ratification], 359
Constitution[s], 3296, 3297, 3309
Michigan. Dept. of state: Report in relation to amendment of constitution, 3521
————. Legislature. House. Committee on the judiciary: Report relative to amendment, 4119
————. ————. Senate. Select committee: Report of committee to whom were referred resolutions amending constitution, 4706
————. ————. ————. ————: Report on constitutional reform, 4710
————. ————. ————. Special committee: Report on general revision of, 4755
Constitution, 1850
Constitution[s], 3298-3300, 3304-3308
Fairlie: Some suggested changes, 1632
King: Speech on motion to strike out proposed amendments, 2536
Michigan. Attorney general's office: Opinion on constitutionality of submitting proposed amendments, 3067
————. ———— ————: Report [on changes and modifications in laws necessary to adapt same to constitution], 3086
————. Legislature. House. Committee on the revision of the constitution: Report relative to disfranchising deserters from military service, 4013
————. ————. ————. Committee on constitutional amendments: Report of committee to whom was referred so much of governor's message as relates to change in constitution relative to time of legislative sessions, 4014

MICHIGAN—Continued
Constitutions—Continued
————. ————. Senate. Committee on amendments to the constitution: Report, 4439
————. ————. ————. Select committee: Report upon amendments, 4707, 4708
————. State library. Law dept.: Catalogue, 5052
Wolf: Against revision, 7003
Constitution, 1867
Constitution, 3309
Constitution, 1873
Constitution, 3301-3303, 3309
Constitution, 1907
Constitution[s], 3310-3313
Fairlie: Mich. constitutional convention, 1630
Michigan. State Library. Legislative reference dept.: [Documents compiled for committee on printing of constitutional convention of 1907], 5056
Miscellaneous mss., 8126
Convention
Journal, 3329, 3330
Copper district strike, see Copper miners' strike, 1913-1914
Court of mediation and arbitration, see Michigan. State court of mediation and arbitration
Courts
Green: Mich. practice, 1980
King: Speech advocating appointment of commissioners to prepare code of procedure and simplify proceedings in courts, 2535
Report of reporter, 3331
Rules, 3332-3342
Searl: Mich. court rules, 6196
Stanton: U. S. lawyer's diary and rule book; rules of practice, state courts, U. S. courts, 6376
Stevens: Revised rules of practice, 6400
See also Courts; Michigan. Chancery court; Michigan. Circuit court; Michigan. Supreme court
Cremation association
Michigan cremation association, Detroit, 5389
Crop report
Michigan. Dept. of state: Mich. crop report, 3510
Custer monument commission
Ceremonies attending unveiling statue, 3343
[Invitation to attend ceremonies of unveiling], 3344
Monroe the floral city, 5469
Daily
Michigan daily, 5390
Style book, 5391

MICHIGAN—Continued
Dairy and food commissioner
Annual report, 3345
Bulletin, 3346
Foods, 3347, 3348
Michigan. Laws, statutes, etc.: Dairy and food laws, 3850
Special bulletin, 3349
Dairymen's association
Annual report, 3350
Day celebration, 5392
—— schools for teaching speech to deaf, 5393
Deaf and dumb
Michigan day schools for teaching speech to deaf, 5393
See also Michigan. Asylum for the deaf, dumb and blind; Michigan. Asylums; Michigan. Kalamazoo state hospital; Michigan. School for the deaf
Dental association
Record book, 8469
Dept. of labor
Act creating dept., 3351
Annual report, 3353
Sections of act relating to employment of females and minors, 3352
See also Labor and laboring classes: Michigan. Bureau of labor and industrial statistics
——. — mineral statistics
Annual report, 3354
——. — public instruction
Agriculture in rural schools, 3355
Annual report, 3356
Arbor day, 3357-3360
Arithmetic teaching, 3361
Art education, 3362
Bulletin, 3363
Catalogue of state teachers' institutes, 3364
Certification of teachers, 3365
Communication [relative to act permitting counties to send students to normal school], 3366
———— relative to university lands, 3367, 3368
Compilation from annual reports, 3369
Consolidation of school districts, 3370
Contagious diseases, 3371
County normal training classes, 3372
——— schools of agriculture, 3373
——— teachers' examinations, 3374
Course of study, 3375-3379
Digest of school laws, 3380
Documents accompanying annual report, 3381
Drawing in rural schools, 3382
Educational institutions, 3383
Examination questions, 3384
Explanations of school laws, 3385
Fourth grade arithmetic, 3386
Fifth grade arithmetic, 3387
First supplementary list of books and prices, 3388

MICHIGAN—Continued
Department of public instruction—Continued
Five lessons on tuberculosis, 3389
Games, 3390
Historical sketches of education, 3391
Industrial and vocational training, 3392
J. B. Angell memorial day, 3393
Juvenile corn growing associations, 3394
Language outline, 3395
Language teaching, 3396
Law governing compulsory education, 3397
—— governing graded school districts, 3398
—— on labor permits, 3399
List of books and prices, 3400
Manual and course of study, 3401, 3402
——— of schoolroom equipment, 3403
——— training forms, 3404
——— training, 3405
——— ——— in rural schools, 3406
Mayhew: Reports, 2933
Memorial day, 3407, 3408
Method of consolidating school districts, 3409
Michigan. Auditor general's office: Communication relative to names, salaries, etc. of clerks, 3120
———. Commission on high school course of study: Course of study, 3258
———. Laws, statutes, etc.: Statutes relating to primary schools, 3926
———. Legislature. House. Committee on education: Report of committee to whom was referred reports of superintendent of public instruction, 4026
———. ————. ———. —— ——— — ————: Report on re-report of superintendent, 4034
———. ————. Senate. Committee on printing: Report of committee to whom was referred resolution relating to printing reports for 1855, 1856 and 1857, 4613
——— manual of child study, 3410
——— teacher, 5425
Military training, 3411
Perry memorial, 3412
Physical training, 3413
Pioneer day program, 3414, 3415
Power: Selected list of children's books for school libraries, 5860
Preferred list of books, 3416-3418
Report in relation to employing clerk, 3419
——— — ——— — university and school lands, 3420
—— of committee to whom was referred so much of governor's message and report of superintendent as relates to education, 4016

MICHIGAN—Continued
Department of public instruction—Continued
Revised list of books, 3421, 3422
Rural schoolhouses, 3423
Safety first, 3424
School architecture, 3425
——— buildings, 3426
——— funds, 3427
——— grounds, 3428-3430
Second supplementary list of books, 3431
Selected list of children's books, 3432
Sense training, 3433
Sixth grade arithmetic, 3434
Special day programs, 3435, 3436
State manual, 3437, 3438
Study of primary school interest fund, 3439
——— — school gardens, 3440
——— — ——— grounds, 3441
——— — ——— problem, 3442
Suggested exercises for special days, 3443
Suggestions for manual training, 3444
———— —— physical training, 3445
Suggestive programs for special day exercises, 3446
Summary of school legislation, 3447
Supplement to 61st report, 3448
Supplementary catalog of preferred list of books, 3449
[Supplementary report], 3450
System of public instruction, 3451
Teachers' examinations, 3452
Teaching kindness to animals, 3454
Temperance, 3455
Text-book legislation, 3456
Third grade arithmetic, 3457
Thrift teaching, 3458
Township rural high schools, 3459
———— unit system, 3460
Warriner: Industrial and vocational training, 6806
Why Mich. is great, 3461
——. — state
Abstract of number of insane, 3462
——— — report of fees, 3463
——— — reports of sheriffs relating to jails, 3464
——— — ——— of superintendents of poor, 3465
Act authorizing Mich. soldiers in field to vote, 3466
Annual abstract of reports of superintendents of poor, 3467
——— ———— — statistical information relative to insane, deaf and dumb, blind [etc.], 3468
——— report on state library, 3469, 3470
——— ——— — registration of births and deaths, marriages and divorces, 3471
——— ——— relating to farms and farm products, 3472

MICHIGAN—Continued
  Department of state—Continued
    Catalogue of books in principal vault, 3473
    Census and statistics, 3474-3486
    Communication, 3487-3496
    Digest of automobile laws of various states, 3497
    ——— — laws pertaining to duties of secretary of state, 3498
    ——— — motor vehicle laws, 3499
    Division of vital statistics
      Monthly bulletin, 3528
    First annual report giving number of insane, deaf, dumb, blind, 3500
    ——— ——— ——— relating to insurance, 3501
    Instructions to applicants for motor cycle registration, 3502
    ——— ——— ——— ——— vehicle registration, 3503
    Letter transmitting reports of Mich. central and Mich. southern railroads, 3504
    List of corporations filed articles of association, 3505
    —— — state officers, boards, commissions and institutions, 3506-3508
    Michigan. Adjutant general's office: Record of service, index, 2977
    ———— and its resources, 3509
    ————. Auditor general's office: Communication showing names, salaries, etc. of clerks, 3107
    ————. ———— ———— ————: Communication relative to names, salaries, etc. of clerks, 3120
    ————. Charities and corrections, 3245
    ———— crop report, 3510
    ———— official directory, 3511
    ———— township officers' guide, 3512-3515
    Motor vehicle licenses, 3516, 3517
    Pauperism and crime in Mich., 5677, 5678
    Report, 3518-3523
    Returns of election for governor and lieutenant governor, 3524
    Statistical report, 3525, 3526
    Supplement to Green's treatise on townships, 3527
    See also Michigan. Laws, statutes, etc.
  Description and travel
    Blois: Gazetteer, 389-391
    Bowen's automobile and sportsmen's guide, 418
    Bradley: Journal, 426
    Bromme: Mich., 445
    Brown: Western gazetteer, 472
    Chicago and northwestern railway: Summer holiday, 666
    ———— —— west Mich. railway co.: Tours, 667, 668
    Darby: Tour from New York to Detroit, 910

MICHIGAN—Continued
  Description and travel—Continued
    Descriptive America, 953
    Detroit, Lansing and northern railroad co.: Detroit and pleasure resorts of northern Mich., 1462
    Diepenbeck: Der staat Mich., 1508
    Disturnell: Great Lakes, 1523
    ————: Trip through lakes, 1526
    Ellet: Summer rambles, 1589
    Ensign and Thayer's guide, 1604
    Farmer: Mich. book, 1667
    Flaherty: Brief sketch of earliest history of Michigan's Great Lake region, 1704
    Grand Rapids and Indiana railroad co.: Mackinac, 1940
    [———— ———— ————.]: Mich. in summer, 1942
    ———— ———— ———— ———— ————. Passenger dept.: Mich. in summer, 1948
    [Grand trunk railway co.]: Summer playgrounds, 1962
    ——— —— ——— —.: Summer resorts in northern Indiana and southern Mich., 1963
    Hallock: Vacation rambles, 2022
    Hammond: Mich. souvenir, 2031
    Hoskins: Notes upon western country, 2210
    Inglis: Northern Mich., 2299
    Jackson, Lansing and Saginaw railroad co.: Guide to lands for sale, 2372, 2373
    Jay: My new home in Northern Mich., 2383
    Jefferson: Dodge's geography, 2384
    ————: Material for geography of Mich., 2385
    —— ——: Note on expansion, 2386
    Lanman: Summer in wilderness, 2618
    Lee: State of Mich. gazetteer, 2706
    Michigan central railroad co.: Mackinac Island, Mich. resorts, 5378
    ———— ——— ——— —.: In summer days, 5382
    ————. Dept. of public instruction: Why Mich. is great, 3461
    ————. State board of health: Mich., a summer and health resort state, 4900
    ————. State press association: 23rd annual conclave and royal outing, 5087
    Miller: New states and territories, 5445
    Motor guide and league: Blazing the way, 5493
    Motorists handbook, 5494
    Northrup: Camps and tramps in Adirondacks and grayling fishing in northern Mich., 5562
    Parker: Trip to West and Texas, 5641
    Peck: New guide for emigrants to West, 5690, 5691

MICHIGAN—Continued
Description and travel—Continued
——: New guide to West, 5692
Perry: Hunting expeditions, 5710
Port Huron times-herald: Eastern Mich., 5823
Railway panoramic guide, 5906
Scott: Journal of missionary tour, 6190
——: Geographical dictionary, 6191
Shields: Rustlings in rockies, 6235
Smith: Journal in America, 8541
Smithe: Glimpses of places and people and things, 6320
Steele: Western guide book, and emigrant's directory, 6392-6394
Stevens: Transcontinental trip in a Ford, 6405
Swan: Journal of trip to Mich. in 1841, 6440
Swineford: History and review of copper, iron, silver, slate and other interests of south shore of Lake Superior, 6447
Tocqueville: De Tocqueville's voyage en Amérique, 6550
————: Quinze jours au désert, 6551
Wadsworth: Mss., 8177
Weld: Voyage au Canada, 6854
West Mich. pike association: Road guide and tourist directory of West Mich. pike, 6866
Western Mich. development bureau: Western Mich., the land of fruit and fortune, 6873, 6874
White printing co.: Auto guide for Grand Rapids and western Mich., 6903
Whittier: In Mich. lumber camps, 6915
See also Great Lakes and Great Lakes region: U. S. Description and travel
Digest
Callaghan & co.: Mich. digest, 554-556
Michigan digest 5394, 5395
See also Law reports, digests, etc.
Directories
Mich. bank directory, 5363
Michigan. Dept. of state: Mich. official directory, 3511
———— state gazetteer and business directory, 5424
Physicians', dentists' and druggists' directory, 5733
Platt: Mich. state business directory, 5751
Polk & co.: Mich. state gazetteer and business directory, 5788
Young and co.: Business and professional directory of central Mich., 7059
Eclectic medical and surgical society, see Michigan. State eclectic medical and surgical society

MICHIGAN—Continued
Economic conditions
Allardt: Mich., 43
Diepenbeck: Der staat Mich., 1508
Fuller: Economic and social beginnings of Mich., 1774
Haddock: Resources and industrial interests, 2009
Michigan. Bureau of labor and industrial statistics: Annual report, 3241
————. Commissioner of immigration: Mich. and its resources, 3270-3277
————. —————————: Report, 3278
————. Dept. of labor: Act creating dept., 3351
————. ————: Annual report, 3353
————. ————: Sections of act relating to employment of females and minors, 3352
————. Dept. of state: Mich. and its resources, 3509
————. Public domain commission: Agricultural, horticultural and industrial advantages, 4806
————. —————————: Mich., agricultural, horticultural and industrial advantages, 4810, 4811
Wadsworth: Mss., 8177
Western Mich. development bureau: Western Mich., land of opportunity, 6875, 6876
Wood: Physical, industrial and sectional geography, 7019
See also Michigan. Industries; Michigan. History; Michigan. Resources; Michigan. Social life and customs; Upper Peninsula development bureau
Education
Educators of Mich., 1577, 1578
See also Education; Michigan. Dept. of public instruction
————, Board of, see Michigan. State board of education
Elections, see Contested elections; Elections; Michigan (Ter.) Elections
Elocutionists, see Michigan. Association of elocutionists
Employers' liability and workmen's compensation commission
Report, 3529
Employment institution for the blind
Biennial report, 3530
Chief needs of adult blind, 3531
Some facts, 3532
Engineer, 5396
Engineering co.
Condensed street map of Kalamazoo, 7733
Engineering society
Michigan engineer, containing proceedings of the society, 5396

MICHIGAN—Continued
  Equal suffrage association
    Mich. laws relating to women and girls, 3533
    Report, 3534
  Essay
    Foik: Mich. essay, 1723
  Executive dept., see Michigan. Governor; Michigan (Ter.) Governor
  Fairs, see Great union fair of Mich.
  Farm colony for epileptics
    Biennial report, 3535
  Farmer
    Circulation information, 5397
  Favorite college songs
    Welch: Michigan's favorite college songs, 6851
  Federation of labor
    Official year book, 3536
    Report of proceedings, 3537
    Souvenir program, 3538
  ——— of teachers' clubs
    Bulletin, 3539
  ——— of women's clubs, see Michigan. State federation of women's clubs
  Fee guide
    Roucch: Guide to lawful fees and compensations, 6039, 6040
  Female college
    Rogers: Memorial in behalf of, 6000
  ——— seminary
    Circular, 5399
    Fourth annual catalogue, 5398
  Finance
    Mason: To people of Mich., 2916
    Michigan. Governor: Gov. Baldwin's estimate of receipts, expenditures and appropriations, 3695, 3697-3699
    ———. ———: Special message [relative to investigation], 3618
    ———. Legislature. House. Committee on ways and means: Report in reference to providing means for redemption of state bonds, 4253
    ——— ——— ——— ——— ———: Report on so much of governor's message as relates to part-paid bonds, 4254
    ——— ——— ——— ——— ———: Report of committee to whom was referred bill to liquidate public debt, 4257
    ——— ——— ——— ——— ———: Report of committee to whom was referred so much of governor's message as relates to finances of state, 4259
    ——— ——— ——— ——— ———: Report relative to state finances, 4260
    ——— ——— ——— ——— ———: Report on so much of governor's message as relates to internal improvement debt, 4263

MICHIGAN—Continued
  Finance—Continued
    ——— ——— ——— ——— ———: Report in relation to re-issue of state scrip, 4279
    ——— ——— ———. Select committee: Minority report on financial affairs, 4308
    ——— ——— ——— Special committee: Report, 4369
    Republican party. Michigan. State central committee: State and national finances, 5957
    Romeyn: To people of Mich., 6010
    See also Michigan. Auditor general's office; Michigan. Board of state auditors; Michigan. Board of trustees of state assets; Michigan. Legislature. Senate. Committee on finance; Michigan. Treasury dept.
  Fire marshal, see Michigan. State fire marshal
  Firemen's association, see Mich. State firemen's association
  Fire relief commission
    Report, 3540
  Fish commission, see Michigan: State board of fish commissioners; U. S. Commission of fish and fisheries
  ——— warden, see Michigan. Game and fish warden
  Forestry association
    Annual meeting, 3541
    Laws, 3542
  ——— commission
    Advance movement, 3543
    First report, 3544
    Little talk about forestry, 3545
    Michigan forest reserve manual, 3546
    ——— forestry, 3547
    Report, 3548
    Steps of progress, 3549
  Forests, see Forests and forestry
  Freedmen's progress commission
    Mich. manual, 3550
  Freemasons, see Freemasons. Michigan
  Fund commissioners, see Michigan. Board of fund commissioners
  Game, fish and forestry dept.
    Biennial report, 3554
    Forestry report, 3557
    Mich. forest scouts, 3555
    What Mich. is doing, 3556
  ——— and fish warden
    List of deputy wardens, 3551
  ———, fish and forestry warden
    Annual report, 3553
    Biennial report, 3552
    See also Michigan. Public domain commission. Game, fish and forest fire dept.; Michigan. State board of fish commissioners
  Gas association
    Proceedings, 3558

MICHIGAN—Continued
Gas co.
Rules and regulations, 5400
Gazetteers, see Michigan. Description and travel; Michigan. Directories; Michigan. State gazetteer
Geography
Estabrook: Geography of Mich., 7299
Flint: Condensed geography and history of western states, 1712
Geography of Mich., 1798, 1799
[Guyot]: Geography of Mich., 2001, 2002
Jefferson: Dodge's geography, 2384
————: Material for geography of Mich., 2385
Kendall: Mich., 2516, 2517
McFarlane: Geography of Mich., 2829
[Montieth]: Geography of Mich., 5472
Pattengill: Mich. cards, 5671
Putnam: School geography, 5900
Redway: Natural advanced geography, 5935
Schoolcraft: Communication relative to geographical names, 6161
Skinner: Primary lessons, 6254
Wood: Physical, industrial and sectional geography, 7019
Geological survey
Annual report, 3559
Bradish: Memoir of D. Houghton, 424
Climate of Mich., 3560
Coal in lower Mich., 3561
Communication [in compliance with resolution requesting information on benefits to agricultural interests], 3562
———————— relative to geological survey, 3563
Extracts from annual reports, 3564
First biennial report, 3565
Gordon: Geological section from Bessemer down Black River, 1831
Hankinson: Biographical survey of Walnut Lake, 2035
Hill: Remarks on character and progress of survey, 2118
Maps and atlases
Atlas accompanying reports on Upper Peninsula, 7817
Brooks: Atlas accompanying report on iron-bearing rocks, 7814
Cross sections of Eagle River district, 7772, 7773
——— ———— near Portage Lake, 7799
Geological section in Central mine, 7823
———— map of Lower Peninsula, by C. Rominger, 7785
——— ——— — Mich., 7369
———— survey of Mich., by U. S. Geological survey, 7792
Grouped cross sections illustrating stratigraphical relations between Houghton and Keweenaw cos., 7778
Magneto-geological chart of Republic Mountain, 7801
Map of Calhoun co., 7432
——— — Champion mine, 7824
——— to accompany cross sections of Eagle River district, 7771
——— of Jackson co., 7479
——— — iron mines at Negaunee, 7826
[——— —] Kent co., 7496
——— — Lake Superior mine, 7835
——— — Lenawee co., 7509
——— — original swamp areas of Lower Peninsula, 7857
——— — Marquette iron region, 7829
——— — Menominee iron region, 7830
——— — New York mine, 7833
—— to accompany cross sections of Portage Lake district, 7798
—— of Republic Mountain, 7800
——— — Upper Peninsula, 7815
——— — central portion of Upper Peninsula, 7816
——— — original vegetation of Upper Peninsula, 7406
——— — Washtenaw co., 7575
——— — Washington and Edwards mines, 7844
Sketch map showing surface geology about north shores of lakes Huron and Mich., by I. C. Russell, 7781
Statistics of iron ore trade, 7828
Surface geology; Bay co., 7762, 7763
Topographic map of Bay co., 7764
Topographical map of Tuscola co., by C. A. Davis, 7812
Michigan. Legislature. House. Committee on state affairs: Report relative to geological survey, 4229
————. ————. ———. Select committee: Report on collection of state geologist, 4310
————. ————. ———. — — ————: Report of committee to whom was referred reports of state geologist, 4311
————. ————. ———. — — ————: Report in relation to report of state geologist, 4312
————. ————. ———. — — ————: Report relative to publication of final report on geology of Mich., 4313
————. ————. ———. — — ————: Report in regard to publication of map of state and counties, 4334
————. ————. Joint committee: Report relative to, 4391
————. ————. ——— ——— — —— on geological survey: Report, 4415

MICHIGAN—Continued
Geological survey—Continued
———. ———. Senate. Committee on finance: Report on communication and accounts of state geologist, 4492, 4493
———. University. Board of regents: Report of committee on collection of state geologist, 5244
Ohio. Co-operative topographic survey: Ohio-Michigan boundary, 5585
Outline of proposed final report, 3566
Report, 3567-3573
State in account with D. Houghton, 3574
State geologist's account current, 3575
Upper Peninsula, 3576
See also Michigan. Legislature. House. Committee on geological survey; Rominger, Carl
Geological and biological survey
Biennial report, 3577
Biological survey of sand dune region, Saginaw Bay, 3578
Catalogue of publications, 3579, 3580
Marshall: Results of spirit leveling in Mich., 2908, 2909
Mineral resources, 3581
Publication, 3582
Geology, see Geology
Gettysburg battle field commission
Mich. at Gettysburg, 3583
Girls' reform school, see Michigan. State industrial home for girls
Good roads' association, see Michigan. State good roads' association
Government, see Michigan. Politics and government
Governor
Howard: Protest against committee to inquire into over-payment of governor's salary, 2219
Instructions to applicants for appointment as commissioner of deeds, 3772
[Messages of and pardons by Gov. Alger], 3728-3731
[——— of and pardons by Gov. Bagley], 3702-3711
[——— and other papers of Gov. Baldwin], 3691-3701
[——— and communications of Gov. Barry], 3633-3642
[——— of Gov. Barry], 3655-3659
[——— of and pardons by Gov. Begole], 3725-3727
[——— and communications of Gov. Bingham], 3662-3669
[——— and communications of Gov. Blair], 3673-3685
[——— of Gov. Bliss], 3761-3763
[——— of Gov. Crapo], 3686-3690
[——— of and pardons by Gov. Croswell], 3712-3718
[———, letter and reports of Gov. Ferris], 3780-3786

MICHIGAN—Continued
Governor—Continued
[——— and communications of Gov. Felch], 3643-3646
[——— of and pardons by Gov. Jerome], 3719-3724
[——— of and pardons by Gov. Luce], 3732-3740
[——— of Gov. McClelland], 3660
[——— and communications of Gov. Mason], 3584-3607
[——— and reports of Gov. Osborn], 3774-3779
[——— of Acting Gov. Parsons], 3661
[——— of and pardons by Gov. Pingree], 3748-3760
[——— and communications of Gov. Ransom], 3647-3654
[——— of and pardons by Gov. Rich], 3743-3745
[——— of Gov. Sleeper], 3787, 3788
[——— of Gov. Warner], 3764-3771
[——— of and pardons by Gov. Winans], 3741-3743
[——— of Gov. Wisner], 3670-3672
[——— and communications of Gov. Woodbridge], 3608-3629
Michigan. Attorney general's office: Communication [on constitutionality of recommendations in special message respecting Sault Ste. Marie canal], 3048
———. Dept. of state: Returns of election for governor and lieutenant governor, 3524
———. Laws, statutes, etc.: [Laws relating to governor's office], 3872, 3873
———. Legislature. House. Committee on payment of certain sum of money to governor: Report, 4192, 4193
———. ———. ———. Select committee: Report in relation to error in payment of salary, 4314
———. ———. ———. ——— ———: Report relative to salary of governor, 4315
———. State board of corrections and charities: Charities and corrections, 4867
———. Treasury dept.: Communication relative to payment of salary, 5142
Official manual and directory, 3746, 3747
Pauperism and crime in Mich., 5677, 5678
Schoolcraft: Communication relative to geographical names, 6161
Special message [of Acting Gov. Gordon], 3630-3632

MICHIGAN—Continued

- **Governor—Continued**
  - Special message on bill to amend act to authorize any township or city in St. Clair, Lapeer, Genesee and Shiawassee cos. to aid construction of railroad from Port Huron, 3689
  - Statement showing articles purchased and average cost by state institutions, 3773
  - See also Michigan (Ter.) Governor
- Grange, see Michigan. State grange
- Hand book, 5401
- Hay and grain association
  - By-laws, 3789
- Health dept., see Michigan. State board of health
- High school oratorical association
  - Mich. high school oratorical association, 3790
- Highway committee, see Michigan. State highway committee
- Highway dept.
  - Biennial report, 3791
  - Bulletin, 3792
  - General specifications for steel and concrete bridges, 3793
  - Michigan. University. College of engineering: Proceedings of short course highway engineering, 5259
  - Rogers: Care of earth roads, 6001
  - ———: Gravel roads, 6002
  - ———: Macadam roads, 6003
- Historical commission
  - Annual report, 3794
  - Bulletin, 3795
  - L. T. Hemans, 3805
  - L. Cass day on Mackinac Island, 3802
  - Michigan historical commission; its inception, organization, administration, aims, 3796
  - Names of places of interest on Mackinac Island, 3800
  - Nicolet day on Mackinac Island, 3801
  - O'Brien: Forgotten heroines, 5580
  - Prize essays, 3803, 3804
  - Proceedings of Michigan pioneer and historical society, 3799
  - Sketch of historical societies, 3798
  - Suggestions for local historical societies, 3797
  - See also Michigan. History; Michigan. Historical society; Michigan. Pioneer and historical society
- ——— review
  - Edwards: Historical, statistical and commercial review of Mich., 1579
- ——— society
  - Biddle: Discourse, 360
  - Cass: Discourse, 608
  - Constitution, 3806
  - Historical and scientific sketches of Mich., 3807
  - Trowbridge: Communication on behalf of, 6587

MICHIGAN—Continued

- **Historical society—Continued**
  - See also Michigan. Historical commission; Michigan. Pioneer and historical society
- History
  - Bours: History, 409
  - Brief history, 438
  - Campbell: [Mss.], 8281
  - ———: Outlines of political history of Mich., 571
  - Civil war, see Civil war
  - Cook: Mich., 806
  - Cooley: Mich., 811-813
  - Cox: Primer of, 850-852
  - Crossman: Early French occupation of Mich., 866
  - Evening news association: Quarterly register of current history, 1623
  - Farmer: History of Detroit and Mich., 1662-1664
  - ———: Mss., 8186
  - Farnsworth: Scrapbooks, 8396
  - Ford: Mich., 1726
  - Fuller: Economic and social beginnings, 1774
  - Hemans: History, 2103-2106
  - Hollands: When Mich. was new, 2192
  - Hubbard: Memorials of half-century, 2245, 2246
  - Kendall: Mich., 2516, 2517
  - Lanman, C.: Red book, 2617
  - ———, J. H.: History of Mich., civil and topographical, 2619
  - ———, —. —.: History of Mich. from earliest colonization, 2620-2625
  - Lawrence: Wolverine, 2694, 2695
  - Lieb: History of Mich., 2737
  - McCoy: Old Fort St. Joseph, 2805
  - McCracken: State of Mich., 2817
  - Manuscripts from Burton historical collection, 2877
  - Mattice: How Mich. was made, 2923
  - Michigan day celebration, 5392
  - ———. Board of state building commissioners: Proceedings at laying of corner-stone, 3226
  - ———. Historical commission: Suggestions for local historical societies, 3797
  - ———. Historical society: Historical and scientific sketches, 3807
  - Moore: History of Mich., 5478
  - Pattengill: Mich. cards, 5671
  - St. Pierre: Histoire des Canadiens-Français du Mich., 6131, 6132
  - Scripps: Outline history, 6194
  - Sheldon: Early history, 6226, 6227
  - Skinner: Story of Mich., 6255
  - Society of colonial wars. Michigan: Historical papers, 6325
  - [Stuart]: Review of Mich. as province, territory and state, 6434
  - ———: Verdict for Mich., 6435
  - Taylor: Theophilus Trent, 6506
  - Trowbridge: Pioneer days, 6594

MICHIGAN—Continued
History—Continued
Tuttle: General history, 6607
Utley: Mich. as province, territory and state, 6733
Webber: Indian cession of 1819, 6841
Whiting: Discourse before Historical society of Mich., 6907
See also Local history; Michigan. Historical commission; Michigan. Historical society; Michigan. Pioneer and historical society; Michigan. Politics and government
Home and training school
Biennial report, 3808
Rules and regulations, 3809
Home colony co.
Full description of country, its soils, climate, waterways and transportation routes, 5402
Homeopathic college
Annual announcement, 5403
Homeopathic medical society
Transactions, 3810
Horticultural society, see Michigan. State horticultural society
Hospital for insane, see Michigan. Ionia state hospital; Michigan. Kalamazoo state hospital; Michigan. Newberry state hospital; Michigan. Pontiac state hospital; Michigan. Traverse City state hospital
House documents, see Michigan. Legislature. House
House of correction, see Detroit. House of correction; Michigan. Industrial school for boys; Michigan. Reformatory; Michigan. State house of correction and branch of state prison in Upper Peninsula; Michigan. State industrial home for girls
Housing commission
Report, 3811
Immigration commission, see Michigan. Public domain commission
Improved live stock breeders' association
Gibbons: Addresses and letters, 8404
Industrial accident board
Bulletin no. 3, 3812
Drake's Mich. digest, 1548
Scarl: Mich. court rules, 6196
Statistics, 3813
Workmen's compensation cases, 3814
——— and agricultural education, see Michigan. State commission on industrial and agricultural education
——— home for girls, see Michigan. State industrial home for girls
——— school for boys
Biennial report, 3815
By-laws, 3816
Communication in answer to inquiries [relative to number of boys under 12 years, offences, etc.], 3817
Industrial enterprise, 2292, 2293

MICHIGAN—Continued
Industrial school for boys—Continued
Michigan. Charities and corrections, 3245
———. Legislature. House. Committee on the house of correction: Report of committee to whom was referred so much of governor's message as relates to subject, 4086
———. ———. ———. Committee on the judiciary: Minority report relative to reform school, 4143
———. ———. ———. Committee on the reform school: Report of committee to whom was referred so much of governor's messages as related to reform school, 4221
———. ———. ———. ———
——— — — ——— ———: Report relative to using labor of reform school for manufacture of firearms, 4222
———. ———. Joint committee: Report on reform school, 4412
———. ———. Senate. Committee on house of correction: Report [relative to management and operation], 4510
———. ———. ———. Committee on the reform school: Report relative to condition of institution, 4652
Pauperism and crime in Mich., 5677, 5678
See also Michigan. Penal institutions
Industries
Champlin: Industrial prosperity, 631
Edwards: Industries of Mich., 1580
Haddock: Resources and industrial interests, 2009
McCracken: State of Mich., 2817
[Michigan. State board of centennial managers]: Catalogue of products, 4864
— —. ——— ——— — ———
———: Report, 4865
Infantry
Barrett: Reminiscences of old 4th, 231
Bennett: Historical sketches of Ninth Mich. infantry, 343
Berry: Thirteenth reunion, 16th Mich. infantry, 353
Crotty: Four years campaigning in Army of Potomac, 867
Cummings: Great war relic, 878, 879
Curtis: History of Twenty-fourth Mich., 884
Cutcheon: Story of Twentieth Mich. infantry, 896
Dodge: R. H. Hendershot, 1533
Fourth annual reunion [of 26th regiment], 3819
Fowler: Autobiographical sketch, 1740
Gunn: Memorial sketches of Dr. M. Gunn, 2000

MICHIGAN—Continued
Infantry—Continued
[Hewes]: History of formation, movements, camps, scouts and battles of 10th regiment, 2109
Isham: History of Detroit light guard, 2347
[Lester]: [Semi-centennial roster of 9th Mich. infantry], 2721
Norton: Strong Vincent and his brigade at Gettysburg, 5572
Owen: First Mich. infantry, 5620
Proceedings of 8th annual reunion of 11th Mich. infantry, 3818
Rice: Diary of 19th Mich. volunteer infantry, 5967
Roster of 20th Mich. infantry, 6034
Tivy: Souvenir of 7th, 6549
Travis: Story of 25th Mich., 6581
Williams: Mich. first regiment, 6954
See also Michigan. Cavalry; Michigan. Infantry association
Infantry association
Roster of 17th regiment, 3820
Insane asylums, see Michigan. Asylum for the insane; Michigan. Asylums; Michigan. Ionia State hospital; Michigan. Joint board of trustees of state hospitals; Michigan. Kalamazoo state hospital; Michigan. Newberry state hospital; Michigan. Pontiac state hospital; Michigan. Traverse City state hospital
Inspector general's office
Report, 3821
See also Michigan. Adjutant general's office; Michigan. Quartermaster general's office
———— of illuminating oils, see Michigan. State inspector of illuminating oils
Institute of homoeopathy
Constitution and by-laws, 3822
Insurance co.
Michigan. Legislature. House. Committee on banks and incorporations: Report, 3996
————. ————. Senate. Committee on incorporations: Report on resolution relating to company issuing notes as money, 4521
————. ————. ————. ———— ————————: Report relative to, 4522
———— co. of Detroit
Memorial and report, 5404
———— dept.
Accident fund, 3823
Annual report, 3824
Internal improvement, see Michigan. Board of internal improvement

MICHIGAN—Continued
Ionia state hospital
Report, 3825
See also Michigan. Asylum for the insane; Michigan. Asylums; Michigan. Joint board of trustees of state hospitals
Joint board of trustees of state hospitals
Proceedings, 3826
—— prison and affiliated boards
Proposed prison legislation, 3827
Report, 3828
Journal of education and teachers' magazine, 5405
Judges, see Michigan. Association of judges
Justice's guide
Donovan: Mich. justice's guide, 1536
Kalamazoo state hospital
Inventory of real estate and personal property, 3829
Michigan. Legislature. House. Special committee: Report of committee to visit insane asylum, 4371
————. ————. Joint committee: Report on asylum for insane, 4392-4394
————. ————. ———— ————
———: Report on alleged mismanagement of Mich. asylum for insane, 4395
————. ————. ———— ————
———: Report of committee to whom was referred so much of governor's message as relates to asylum for insane, 4396
Morton: Remarks on bill making appropriation to complete building, 5489
Report, 3830
Schedule of orders, 3831
Smith: Behind the scenes, 6308
Worcester: Diphtheria in, 7039
See also Michigan. Asylum for the insane; Michigan. Asylums; Michigan. Joint board of trustees of state hospitals
————— normal school, see Michigan. Western state normal school
Labor dept., see Michigan. Dept. of labor
Lake Superior semi-centennial celebration commission
St. Mary's Falls canal, 3832
Land office, see Michigan. State land office
Laws, statutes, etc.
Act to prevent debtors from giving preference to creditors, 3851
—— — protect fish, 3864
—— — provide for preservation of forests, 3866
—— creating Dept. of labor, 3896
—— relating to negotiable instruments, 3916

MICHIGAN—Continued
Laws, statutes, etc.—Continued
—— to provide retirement fund for teachers, 3936
—— providing registration and licensing threshing machines, 3937
Acts creating inspection of illuminating oils, 3917
Bennett: Law of negotiable paper in Mich., 344, 345
Bill for government of Detroit schools, 3853
Boies: Catalogue of birds in southern Mich. together with game and fish laws, 394
Bunker: Negotiable instruments law, 492
Charter of Muskegon schools, 3915
Cheever: Law and practice of probate courts, 655-657
Commercial fish law, 3865
Compilation in reference to land grant railroads, 3923
Compiled laws, 3839-3844
Cummins: New Mich. judicature act, 880
Dairy and food laws, 3850
Detroit and Pontiac railroad co.: Charter, 1415
——— —— ——— ——— —.: Pontiac railroad, 1416
[Detroit. Trust co.]: Descent and distribution of property, 1352, 1353
Digest of laws concerning flats, 3863
——— — general statutes on religious corporations, 3848
Duffield: Memoranda note books, 8364
Erie and Kalamazoo railroad co.: Acts of incorporation, 1605, 1606
Fick: Mechanics' lien law, 1695
Fire marshal law, 3861
Fletcher: Communication relative to revision, 1709
———: Report relative to revision, 1710
Game and fish laws, 3869-3871
General school laws, 3927
General statutes, 3930
Green: Proposed revision of general statutes, 1981
———: Revised statutes, 1982
Hamilton: Consolidated corporation law, 2025
Hammond: School law, 2032, 2033
Harrington: Revised statutes, 2052
Hunt: Mich. laws relating to women and girls, 2268
Housing code, 3876
Howell's annotated statutes, 3877
Immediate effect acts, 3878
Index to compiled laws, 3882
Index to general laws, 3879-3881
Inheritance tax laws, 3883
Irwin: Annotations, 2344
Judicature act, 3892
Kent co. primary election law, 2525

MICHIGAN—Continued
Laws, statutes, etc.—Continued
Key to revised statutes, 3895
Law relating to inspection of factories, 3859
—— regulating foreign and domestic investment cos., 3891
—— on labor permits, 3399
—— governing manufacturing and mercantile corporations, 3905
—— regulating commerce in certain agricultural seeds, 3928
—— regulating steam vessels, 3931
Laws relating to banking, 3833
——— ——— — registration of births, deaths, marriages, 3835
——— ——— — building and loan associations, 3836
——— ——— — state board of corrections, 3849
——— affecting Detroit, 3852
——— relating to drains, 3856
——— ——— — elections, 3857
——— ——— — fraternal beneficiary societies, 3867
——— ——— — sale of fresh fruit and vegetables, 3868
[——— ——— — governor's office], 3872, 3873
——— ——— — public health, 3874
——— ——— — insane and feebleminded, 3884
——— ——— — fire and marine insurance, 3885, 3886, 3888
——— ——— — life insurance, 3887, 3888
——— in relation to internal improvements, 3890
——— relating to juvenile courts, 3893
——— ——— — juveniles, 3894
——— ——— — labor, 3897
——— relating to state land office, 3898, 3899
——— ——— — liquors, 3901
——— ——— — shipment of liquor into dry territory, 3902
——— concerning marriage, 3906
——— and charters under which Mich. central and connections have been constructed, 2696
——— relative to military affairs, 3910
——— governing mining corporations, 3912
——— relating to formation of partnership associations, 3919
——— ——— — support of poor persons, 3921
——— ——— — primary elections, 3922
——— ——— — railroads, 3924
——— relating to old soldiers, 3929
——— concerning organization and government of townships, 3938
——— for government of state troops, 3909

MICHIGAN—Continued
Laws, statutes, etc.—Continued
—— relating to incorporation and general powers of villages, 3939
—— —— — women, 3940
Live stock sanitary laws, 3904
Local option law, 3903
McCracken: Laws in force in county of Wayne, 2807, 2808
McGill: Laws of Mich., 2830
———: Mich. laws made plain, 2831
Martindale: Digest of automobile laws, 2914
Mayhew: Statutes relating to primary schools, 2934
Mechanics' lien law, 3907
Meeker: Digest of laws of Mich., 2937
Michigan. Attorney general's office: Opinion on acts of incorporation, 3070, 3071
———. ——— —— —— ———: [Opinion on constitutionality of chap. 94 of revised statutes of 1846], 3072
————. Auditor general's office: Acts amending tax laws, 3089
———— barber law, 3834
————. Board of state building commissioners: Acts providing for completion and furnishing of building, 3221
————. Board of world's fair managers: Act creating board, 3233
———— central railraod co.: Compilations of charter, 5371
———— ———— ———— —.: Extracts from railroad laws, 5375
———— ———— ———— —.: Laws and charters under which Mich. central and connections have been constructed, 5377
————. Commissioner of revision: Communication, 3279
————. Commissioners on the compilation of the general laws: Report, 3287
———— corporation law, 3846
————. Dept. of labor: Act creating dept., 3351
————. ——. —— ——: Sections of act relating to employment of females and minors, 3352
————. Dept. of public instruction: Digest of school laws, 3380
————. ——. — —— ————: Explanations of school laws, 3385
————. ——. — —— ————: Law governing compulsory education, 3397
————. ——. — —— ————: Law governing graded school districts, 3398
————. ——. — —— ————: Law on labor permits, 3399
————. ——. — —— ————: School funds and laws, 3427

MICHIGAN—Continued
Laws, statutes, etc.—Continued
————. ——. — —— ————: Summary of school legislation for 1907, 3447
————. ——. — —— ————: System of public instruction, 3451
————. Dept. of state: Communication relative to certain chapters of revised statutes, 3489
————. ——. ————: Digest of laws pertaining to duties of secretary of state, 3498
———— employers' liability, 3858
————. Equal suffrage association: Michigan laws relating to women and girls, 3533
———— farm laws, 3860
———— flag law, 3862
————. Game and fish warden: List of deputy wardens and compilation of laws, 3551
————. Governor: Special message [transmitting communication of auditor general relating to laws on dept.], 3613
————. Joint prison and affiliated boards: Proposed prison legislation, 3827
———— laws for protection of orchards and vineyards, 3918
————. Legislature. House. Committee on education: Report of committee to whom was referred bill supplementary to common school laws, 4030, 4031
————. ————. ————. Committee on the judiciary: Report on resolutions concerning chapters, revised laws, 4137
————. ————. ————. ———— — —— ————: Report of committee instructed to inquire into constitutionality of sections of revised statutes, 4138
————. ————. ————. ———— — —— ————: Report on bill to amend section of revised statutes of 1846, 4146
————. ————. ————. Committee on revised code: Report, 4012
———— southern and northern Indiana railroad co.: Charter and laws, 5412
————. State library. Legislative reference dept.: Laws relating to vagrancy, 5059, 5060
Militia laws, 3908
Mineral lands, 3911
Modern law of business corporations, 3847
Motor vehicle law, 3913
Moving picture law, 3914
Pharmacy laws, 3920
Port Huron and Lake Michigan railroad co.: Charter, 5820

MICHIGAN—Continued

Laws, statutes, etc.—Continued

Prohibitory liquor law, 3900

Registration and election laws, 3854, 3855

Reed: Index to amended laws, 5942

Schaffner: Territorial tax legislation, 6153

Statutes relating to primary schools, 3926

Tax laws, 3932-3935

Tibbits: Compilation of laws in relation to fees and salaries of public officers, 6538

[Trask]: Brief upon insurance laws, 6564

———: Briefs and notes on statutes and decisions, 6565

———: Index of Mich. statutes, 6566

———: Notes on Mich. laws of evidence, 6567

———: Time, in practice, and index to forms and precedents, 6568

Uniform sales act, 3925

Union trust co.: Digest of Mich. laws governing descent and distribution of property, 6619

Whitehouse: Mich. judicature act of 1915, 6900

Workmen's compensation law, 3941, 7040

See also Michigan (Ter.) Laws, statutes, etc.

Legislative association

Proceedings, 3942

Programme, reunion, 3943

Legislative excursions

[Clubb]: Mich. legislative excursion, 714

Legislative excursion, 3944

Legislature

Acts, 3945

Album, 3946

Allegan county. Citizens: Memorial relative to apportionment of representatives, 50

Heineman: Legislature and local bills, 2098

House

Committee on agriculture

Report relative to establishing military school at agricultural college, 3974

——— of committee to whom was referred part of governor's message on subject, 3975

——— — agriculture and manufactures

Report, 3976

——— of committee to whom was referred part of governor's message relating to tariff, 3977

——— — ——— to whom was referred resolution relative to manufacture of sugar, 3978

MICHIGAN—Continued

Legislature. House—Continued

——— — ——— ——— and committee on education

Report of committee to whom was referred so much of governors' messages as relates to agricultural college, 3979

——— on the asylum for the deaf and dumb and the blind

Report of committee to whom was referred so much of governors' messages as relates to asylum, 3980

——— on the asylum for the insane

Report of committee to whom was referred report of trustees, 3981

——— on banks

Report of committee to investigate Bank of Macomb co. and Oakland co. bank, 3982

——— relative to moneys to be received in treasury, 3983

——— to investigate Bank of Ypsilanti

Report, 3984

——— on banks and incorporations

Minority report relative to Erie and Kalamazoo railroad, 3990

——— of committee to whom was referred bill to amend act to authorize sale of Central railroad, 3995

Report relative to appropriations to aid agricultural college, 3985

——— of committee to whom was referred so much of governor's message as relates to state bank, 3986

——— relative to memorial of Bay de Noquet and Marquette railway co., 3987

——— of committee to whom was referred bill to incorporate Clinton salt works co., 3988

——— — ——— to whom was referred house resolution in relation to Detroit and Milwaukee railway, 3989

——— in reference to Lake Erie and River Raisin railroad co., 3991, 3992

——— relative to enforcement of certain law, 3993

——— [on various matters referred to them], 3992

——— relative to Mich. insurance co., 3996

——— ——— Mich. southern, 3997

——— of minority of committee to whom was referred bill to au-

MICHIGAN—Continued
Legislature. House—Continued
thorize sale of Southern railroad, 3998
——— of committee to whom was referred petition for peninsular bank, 3999
——— relative to authorizing certain counties, cities and townships to aid construction of railroad from Jackson to Grand Rapids, 4000
——— of committee to whom was referred bill for construction of railroad to Lake Superior, 4001
——— relative to St. Joseph's railroad co., 4002
——— concerning circulation of shinplasters, 4003
———— on charges against M. H. Dakin
Investigation, 4004
———— — claims
Report [relative to claim of M. Cannon], 4005
——— of committee to whom was referred memorial of B. C. Cox for services, 4006
——— — ———— — ——— ——
——— claim of Dennis, Thomas and Wood, 4007
——— relative to claim of Hicks & co., 4008
——— of minority relative to claim of J. Kearsley, 4009
——— of committee to whom was referred petition of B. Porter, 4010
——— in relation to claim of River Raisin and Lake Erie railroad co., 4011
———— on revised code
Report, 4012
———— on the revision of the constitution
Report relative to disfranchising deserters from military service, 4013
———— on constitutional amendments
Report of committee to whom was referred so much of governor's message as relates to change in constitution relative to time of legislative sessions, 4014
———— on education
Minority report relative to establishment of school district libraries, 4022
Report relative to providing for appointment of county superintendents of schools, 4015
——— of committee to whom was referred so much of governor's message and report of superintendent of public instruction as relates to education, 4016
——— — ———— [to whom was referred so much of governor's message as relates to education], 4017
——— relative to higher education of females, 4018
——— ——— — plan for international literary exchange, 4019, 4020
——— on petition of Leoni theological institute, 4021
——— — petition of trustees of Mich. college, 4023, 4024
——— relative to providing for normal instruction, 4025
——— of committee to whom was referred so much of governor's message as relates to primary schools, 4026
——— relative to establishing reform school for girls, 4027
——— of committee to whom was referred special message of governor relative to school and university funds, 4028
——— — ———— — ——— ——
——— resolution relative to distribution of school laws, 4029
——— — ———— — ——— ——
——— bill supplementary to common school laws, 4030, 4031
——— — ———— [— ——— ——
——— petition for location of seminary of learning in Lapeer co.], 4032
——— on memorial of state teachers' association, 4033
——— on report of superintendent of public instruction, 4034
——— relative to repeal of act establishing teachers' institutes, 4035
——— [relative to petition for adding university fund to common school fund], 4036
——— ——— to chair of homeopathy in university, 4037
——— on communication of executive respecting loan to university, 4038
———— on elections
Minority report relative to memorials in relation to contested seats, 4046
——— ——— on allowing disqualified electors in military service to vote, 4051
Report relative to contested seat of Chippewa and other cos., 4039
——— in relation to qualifications of L. E. Dolsen, J. Coates and C. B. Bush to seats, 4040

MICHIGAN—Continued
Legislature. House—Continued
Report on claim of E. Ely to seat, 4041
Report in contested election case of C. T. Harvey vs. E. Warner, 4042, 4043
——— of committee to whom was referred petition of S. W. Hill contesting seat of E. G. Seymour, 4044
——— in relation to memorial of H. C. Hodge claiming seat of C. Freeman, 4045
——— of committee [to whom was referred petition for extending elective franchise to women], 4047
——— ——— ———— ————
——— ——— of H. D. McCulloch contesting seat of P. McKinley, 4048
——— in relation to Mackinac election, 4049
——— relative to bill to enable qualified electors in military service to vote, 4050
——— in relation to petition of H. Miller claiming seat of J. N. Donaldson, 4052, 4053
Reports of committee to whom was referred memorial of H. Raymond contesting seat of A. Stevens, 4054
Report of committee to whom was referred memorial in relation to Saginaw election, 4055
——— in case of contested seat of J. Turrill, 4056
——— of committee to whom was referred petitions asking law for registry of votes in election precincts, 4057
——— ——— ——— ———
——— statement of board of canvassers of Wayne co., 4058
——— on federal relations
Minority report [on state of union], 4075
Report on joint resolution in relation to bankrupt law, 4059
——— relative to construction of Clinton and Kalamazoo canal, 4060
——— of committee to whom was referred preamble and resolutions relative to slave trade in District of Columbia, 4061
——— ——— ——— ———
——— portion of governor's message relating to federal relations, 4062
——— ——— ——— ———
——— report touching proceedings in Marshall denominated abolition mob, 4063

MICHIGAN—Continued
Legislature. House—Continued
——— relative to fugitive slave law, 4064
——— ——— — delivering up fugitive slaves, 4065
——— on channel of communication through Canada, 4066
——— [relative to amount of land received from U. S.], 4067
——— of committee to whom have been referred petitions for law for protection of personal liberty, 4068
——— relative to exchange of prisoners, 4069
——— of committee to whom was referred resolutions approving plan of railroad from Lake Michigan to Pacific, 4070
——— relative to slavery in territories, 4071
——— [on extension of slavery and power of Congress over same], 4072, 4073
——— of committee to whom was referred so much of governors' messages as relates to relations of state with other states, 4074
Committees on federal relations and on banks and incorporations
Report relative to circulation of bills of unsound banks, 4076
Committee on fisheries
Report relative to fishing interests of state, 4077, 4078
——— on the five million loan
Report, 4079, 4080
——— on state funds
Report on state funds, 4081
——— on geological survey
Report of committee to whom was referred that part of governor's message relating to geology, 4082
——— in regard to survey and collection of specimens, 4083
——— on the state geologist's report
Report in relation to improvement of state salt springs, 4084
——— on harbors
Report of committee to whom was referred so much of governor's message as relates to lake harbors, 4085
——— on the house of correction
Report of committee to whom was referred so much of governor's message as relates to subject, 4086
——— on incorporations
Report of committee to whom was referred petitions praying legislature to incorporate bank in Jackson, 4087

MICHIGAN—Continued
Legislature. House—Continued
——— ——— [———
——— ——— for incorporation of Alphadelphia association], 4088
——— on Indian affairs
Report [relative to permitting Indians in Emmet and Cheboygan cos. to exercise franchise], 4089
———, 4090
——— on insurance
Report relative to Climax insurance co., 4091
——— on internal improvement
Report on petition of W. Bronson, 4092
——— on propriety of leasing Central railroad, 4093
——— [supplementary to report on so much of governor's message as relates to internal improvement, 4094
——— of committee to whom was referred petition for constructing Clinton and Kalamazoo canal, 4095
——— relative to outstanding debts, 4096
——— of committee to whom was referred so much of governor's message as relates to subject, 4097-4101
——— ——— ——— ———
——— bill to improve Grand River, 4102
——— relative to construction of Kalamazoo and Allegan railroad, 4103
——— of committee to whom was referred petitions and resolutions for appropriation of internal improvement lands, 4104, 4105
——— relative to sale of internal inprovement lands, 4106
——— ——— to Maumee and Havre branch railroad, 4107
——— of committee to whom was referred proposition of Ohio and Maumee's branch railroad co., 4108
——— relative to Palmyra and Jacksonburg railroad, 4109
——— concerning petitions of Pontiac and Detroit railroad co., 4110
——— on investigation
Report into accounts and proceedings of board of internal improvement, 4111
——— on the judiciary
Minority report relative to reform school, 4143

MICHIGAN—Continued
Legislature. House—Continued
——— ——— of committee to whom was referred petitions for restoration of provisions of prohibiting liquor law, 4136
——— ——— on resolution relative to repealing act exempting stock of Bank of St. Clair, 4113
Report relative to petition of J. Alexander, 4112
——— on abolishing board of commissioners, 4114
——— relative to amending compiled laws in regard to competency of witnesses, 4115
——— ——— to power of legislature to amend existing charters, 4116
——— ——— claim of D. W. Noyes, H. Miller, U. Miller and L. Andrus, 4117
——— on extension of suffrage to colored persons, 4118
——— relative to amendment of constitution, 4119
——— in relation to striking out word "white" in constitution, 4120
——— of committee to whom was referred resolutions touching costs and fees in courts, 4121
——— relative to fees of witnesses in criminal cases, 4122
——— on resolution as to expediency of abolishing laws for collection of debts, 4123
——— relative to imprisonment for debt, 4124
——— ——— bill to establish police government for Detroit, 4125
——— on petition of B. Fall [to convey certain lands], 4126
——— upon resolutions relative to extension of franking privilege, 4128
——— ——— ——— ———
Farmers' and mechanics' bank, 4127
——— on resolution respecting amendment to act to regulate and define powers of justices of peace and constables, 4129
——— of committee to whom was referred petitions in relation to selling lands by minors, 4130
——— relative to petition of H. Gibbs for simplification of laws, 4131
——— of committee to whom was referred so much of governor's message as relates to appraisal laws, stop laws and relief laws, 4132, 4133

MICHIGAN—Continued

Legislature. House—Continued

——— relative to repeal of sections of personal liberty laws, 4134, 4135

——— on resolutions concerning chapters, revised laws, 4137

——— of committee instructed by resolution to inquire into constitutionality of sections of revised statutes, 4138

——— upon petition of E. A. Knapp, 4139

——— on petitions for enactment of law concerning sale of ardent spirits, 4140

——— upon legality of settlement with Mich. state bank, 4141

——— of committee to whom was referred resolution to inquire into constitutional objection to issue of state bonds for military school, 4142

——— ——— ——— ———

——— petition of River Raisin and Lake Erie railroad co., 4144

——— ——— ——— ———

——— resolution relative to money stolen from treasurer of Shiawassee co., 4145

——— on bill to amend section of revised statutes of 1846, 4146

——— upon part of governor's message relating to opinions of Supreme court, 4147

——— on bill and report relative to collection of taxes in Wayne co., 4148

——— respecting publication of tax list of Wayne co., 4149

——— on recommending passage of bill to provide for trial of offenses, 4150

——— upon petition of citizens of Vermontville, 4151

——— of committee to whom was referred petition for act to authorize W. F. Wolcott to convey land, 4152

——— ——— ——— ———

——— bill relative to tax titles, 4153

——— on internal improvement lands

Minority report of committee to whom was referred bills making appropriations of internal improvement lands, 4154

——— on public lands

Minority report [relative to swamp lands], 4159

Report on memorial of German-American seminary for amendment to act granting swamp lands, 4155

MICHIGAN—Continued

Legislature. House—Continued

——— concerning Grand Rapids canal lands, 4156

——— of committee to whom was referred petition asking for improvement of section upon which capitol is located, 4157

——— in regard to reduction of minimum price of school and university lands, 4158

——— of committee to whom was referred bill to provide for draining swamp lands, 4160

——— ——— ——— have been referred memorials and petitions relative to sale and drainage of swamp lands, 4161

——— in relation to bill to provide for drainage and settlement of swamp lands, 4162

——— relative to state swamp lands, 4163

——— of committee to whom was recommitted bill to amend act to provide for drainage and reclamation of swamp lands, 4164

——— relative to swamp lands, 4165

——— ——— ——— and overflowed lands, 4166

——— ——— ——— lands and state roads, 4167

——— on university and school lands

Minority report of committee to whom was referred bill to amend act to reduce price of university and school lands, 4175

Report of committee to whom was referred petition of inhabitants of Southfield township, Oakland co., praying university lands be sold at less than minimum price, 4168

——— ——— ———

——— resolution to inquire into expediency of reducing price of seminary and school lands, 4169

——— relative to university and school lands, 4170

——— adverse to petition of J. Rausted for acre of land for school house, 4171

——— of committee to whom were referred petitions of settlers on Niles and Nottawassepe reservations, 4172

——— [relative to allowing settlers who have purchased more land than they can keep to retain just equivalent for moneys paid], 4173

——— for appraisal of university and state building lands

Report, 4174

MICHIGAN—Continued
Legislature. House—Continued
——— on the state library
Report [on bill for better and more efficient management of state library], 4176
——— on manufactures
Report of committee to whom was referred resolution inquiring into expediency of encouraging manufacture of cloths, 4177
——— relative to special message concerning state salt springs, 4178
——— ——— to protective tariff, 4179
——— on Michigan state bank
Report of majority of committee to inquire into condition of Mich. state bank, 4180
——— of committee in pursuance of act to authorize settlement with Mich. state bank, 4181
——— on the militia
Report of committee to whom was referred report of adjutant and quartermaster general, 4182, 4183
——— relative to establishing military dept. at M. A. C., 4184
——— of committee to whom was referred portion of governor's message relating to militia, 4185, 4186
——— [urging adoption of bill furnished by military convention in Detroit], 4187
——— of committee [to whom was referred petition for tax on citizens liable for military duty], 4188
——— [relative to quantity of ordnance, muskets, etc. received from U. S.], 4189
——— accompanying title 33 of revision, 4190
——— on mines and minerals
Report relative to specific taxes in Upper Peninsula, 4191
——— on payment of certain sum of money to governor
Report, 4192, 4193
——— on abolishing certain state offices
Report, 4194
——— on memorial concerning phonetics
Report, 4195
——— on the accounts of B. Porter
Report, 4196
——— on printing
Report in relation to bill making appropriations to J. S. Bagg, state printer, 4197

MICHIGAN—Continued
Legislature. House—Continued
——— of committee to whom was referred account of Messrs. Dawson and Bates, 4198, 4199
——— [relative to terms on which printers and publishers will engage to publish journal and other documents ordered printed], 4200
——— on claim of D. Munger, 4201
——— on bill to repeal act creating state printer, 4202
——— of committee to whom was referred bill for state printing, 4203
——— [relative to increase in expenditures for printing], 4204
——— on the state prison
Minority report [in regard to management of prison], 4218
Report of committee on state penitentiary, 4205
——— relative to building new prison, 4206
——— in relation to making appropriations for continuing construction of prison, 4207, 4208
——— relative to allowing C. G. Davis and E. B. Fuller losses upon contracts, 4209
——— [in compliance with resolution instructing them to inquire whether or not any coin has been counterfeited in state prison], 4210
——— of committee to whom was referred annual report of inspector of state prison, 4211
——— —— ——— —— ———
——— so much of governor's message as relates to same, 4212, 4213
——— — ——— [— ——— ——
——— memorial of mechanics of Jackson], 4214
——— relative to employing convict labor in manufacture of firearms, 4215
——— for making appropriation for payment of guards, 4216
——— relative to state prison, 4217
——— on the Northern and Southern railroad routes
Report on revision of routes, 4219
——— — Southern railroad
Report of committee to whom was referred bill to amend act to sell Southern railroad, 4220
——— on the reform school
Report of committee to whom was referred so much of governors' messages as related to reform school, 4221

MICHIGAN—Continued
Legislature. House—Continued
——— relative to using labor of reform school for manufacture of firearms, 4222
——— on roads and bridges
Report [relative to right of E. Ingersoll to keep ferry across Grand River], 4223
——— on memorial for authority to maintain bridge in Springwells, 4224
——— on military roads
Memorial and resolutions relative to military roads commenced by general government, 4225
——— on salines
Report relative to saline resources of Mich., 4226
——— on state affairs
Report [relative to demand of C. S. Dunbar for constitutional amendment], 4227
——— of committee to whom was referred resolution to encourage emigration, 4228
——— relative to geological survey, 4229
——— ——— to reduction of specific tax imposed on corporations engaged in iron mining, 4230
——— upon bill to repeal act to prevent manufacture and sale of liquors, 4231
——— of committee to whom was referred proceedings of meeting in favor of overland mail from St. Paul to Puget Sound, 4232
——— in favor of law for registration of marriages, births and deaths, 4233
——— on memorial of North eastern medical society for law for registration of births, marriages and deaths, 4234
——— of committee to whom was referred memorial of B. Porter [for further remuneration for services in construction of capitol buildings], 4235
——— —— ——— —— ——— ———
——— bill to locate branch of state prison in Upper Peninsula, 4236
——— relative to tolls on St. Mary's Falls ship canal, 4237
——— ——— — claim of Sault Ste. Marie plank road co., 4238
——— ——— — drainage and reclamation of certain swamp lands, 4239
——— on resolutions [relative to taxes], 4240

MICHIGAN—Continued
Legislature. House—Continued
——— [illegible]
Report relative to amount of stationary furnished chairman of committees and officers of house, 4241
——— on towns and counties
Report to whom was referred petitions for organization of county of Almont, 4242
——— relative to organization of additional townships in Keweenaw co., 4243
——— adverse to vacation of county seat of Shiawassee co., 4244
——— on questions relative to vacation of present county seat of Shiawassee co., 4245, 4246
——— on University of Michigan
Report, 4247
——— on war bounties
Report in obedience to resolution, 4248
——— relative to bill to authorize townships to raise money for war bounties, 4249
——— on ways and means
Account of J. S. Bagg, 4250
Report of committee to whom was referred resolution to inquire whether auditor general has paid over all moneys received, 4251
——— relative to claims of W. Beard for work, 4252
——— in reference to providing means for redemption of state bonds, 4253
——— on so much of governor's message as relates to part-paid bonds, 4254
——— in relation to sale of public works, 4255
——— of committee to whom was referred resolutions relative to exemption of U. S. bonds, 4256
——— —— ——— —— ——— ———
——— bill to liquidate public debt, 4257
——— relative to petition of heirs of E. D. Ellis, 4258
——— of committee to whom was referred so much of governor's message as relates to finances of state, 4259
——— relative to state finances, 4260
——— of committee to whom has been referred bill for anticipation of installments of five million loan, 4261

MICHIGAN—Continued
Legislature. House—Continued
——— — ——— ——— was referred bill to provide for further construction of works of internal improvement, 4262
——— on so much of governor's message as relates to internal improvement debt, 4263
[——— of] chairman of committee to whom was referred so much of governor's message as relates to lake harbors, 4264
——— — ——— — ———
— ——— —— ——— bill to establish pay of members and officers, 4265
——— relative to compensation of members and officers, 4266
——— in regard to aid to Maumee branch railroad co., 4267
——— relative to making appropriations for Michigan asylum for deaf, dumb and blind, 4268
——— ——— to appropriations for Mich. asylum for insane, 4269
——— ——— to providing military fund in aid of volunteer militia, 4270
——— on governor's message relative to Morris canal and banking co., 4271
——— relative to appropriations for removing wall at state prison, 4272
——— of committee to whom was referred petition of P. Raymond, 4273
——— — ——— — ——— —
——— ——— of county commissioners of St. Joseph co., 4274
——— relative to pay of president of senate, 4275
——— of committee to whom was referred petition for lands for construction of Southern railroad, 4276
——— — — ——— — ——— —
——— bill to amend act to authorize sale of Southern railroad, 4277
——— in relation to resolutions on subject to Ford & son, 4278
——— — ——— — re-issue of state scrip, 4279
——— on resolutions and memorials of boards of supervisors, 4280
——— of committee to whom was referred memorials relative to return of taxes, 4281
——— — ——— — ——— —
——— resolution in relation to returns of delinquent taxes, 4282

MICHIGAN—Continued
Legislature. House—Continued
——— on state and county taxes, 4283
——— in relation to specific state taxes, 4284
——— relative to construction of building for treasury dept., 4285
——— of committee to whom was referred petitions relative to pay of bounties to volunteers, 4286
——— relative to bill to consolidate war debt., 4287
——— ——— to present condition of war loan bounty fund, 4288
——— on the White Pigeon beet sugar co.
Report of committee to whom was referred petition to stockholders of beet sugar co., 4289
Constitution, rules, committees, 3967, 3968
Documents, 3969
Hodge: Memorial claiming seat in house, 2178
Investigating committee
Report relative to charge of bribery against certain railroad cos., 4290
Journal, 3970
Judiciary committee, see Michigan. Legislature. House. Committee on the judiciary
Resolutions relative to sub-treasury, 3971
Rules, 3972
Select committee
Are railroad lands taxable, 4291
Minority report in relation to dividing state into congressional districts, 4303
——— ——— on financial affairs, 4308
Proceedings of committee to investigate conduct of G. Morell, 4336
Report of committee appointed to consider preamble and resolution in relation to president of agricultureal college and board of agriculture, 4292
——— — ——— to investigate Bank of Mich., 4293
——— — ——— [to whom was referred inquiries relative to condition of banking institutions in hands of receivers], 4294
——— — ——— — ——— —
——— report of board of auditors, 4295
——— on abolishment of capital punishment, 4296, 4297
——— relative to state capitol, 4298, 4299
——— on contested seat for Chippewa co., 4300

MICHIGAN—Continued
Legislature. House—Continued
——— upon expediency of completing part of Clinton and Kalamazoo canal, 4301
——— on obtaining just representation of state in Congress, 4302
——— on priority of calling convention to revise constitution, 4304
——— of committee on physics and surgery to whom was referred memorials praying repeal or modification of statutes relative to practice, 4305
——— — ——— to whom was referred petitions in regard to aid in planking portions of Mich. and Woodward aves. in Detroit, 4306
Reports relative to election case of Bayley vs. McDonald, 4307
Report of committee to whom was referred bill to protect citizens from claims of slaveholders, 4309
——— on collection of state geologist, 4310
——— of committee to whom was referred reports of state geologist, 4311
——— in relation to report of state geologist, 4312
——— relative to publication of final report on geology of Mich., 4313
——— in relation to error in payment of salary of governor, 4314
——— relative to salary of governor, 4315
——— of committee to whom was referred bill to provide for canal around Grand Rapids, 4316
——— relative to Grand Rapids canal, 4317
——— ——— — improvement of Grand River, 4318
——— on claims by contractors on works of internal improvement, 4319
——— [of] committee to whom was referred claim of B. Irish, 4320
——— of committee to ascertain number of acres of internal improvement lands which have been and are to be appropriated, 4321
——— on claim of J. Kearsley against university fund, 4322
——— on land appropriations, 4323
——— on land grants by Congress, 4324
——— in relation to school lands, 4325

MICHIGAN—Continued
Legislature. House—Continued
——— of committee to whom was referred petitions in behalf of settlers on university and state lands, 4326
——— on resolutions proposing change to authorize biennial instead of annual sessions, 4327
——— of committee to whom was referred resolution to inquire what person holding seat is ineligible, 4328
——— — ——— to inquire if any members hold seats in violation of constitution, 4329
——— on license laws, 4330
——— of committee to whom were referred petitions for repeal of laws granting license for sale of ardent spirits, 4331
——— — ——— — ——— ———
——— ——— for suppression of traffic in intoxicating drinks, 4332
——— — ——— — ——— was referred petition concerning sale of ardent spirits, 4333
——— in regard to publication of map of state and counties, 4334
——— of committee to investigate conduct of G. Morell, 4335
——— ——— to whom was referred communication of Lieut. Gov. Mundy in relation to compensation for services, 4337
——— on New Jersey election, 4339
——— of committee to whom was referred so much of governor's messages as relates to suppression of small notes, 4340
——— of committee to investigate accounts of B. Porter, 4341
——— ——— inquire into appropriation for building prison, 4342
——— — petitions to prevent running cars on Sabbath, 4343
——— on sale of works of internal improvement, 4344
——— of committee to whom were referred preamble and resolution in relation to railroad from Lake Mich. to Pacific, 4345
——— relative to loans by state to different railroad cos., 4346
——— upon swamp land state roads, 4347
——— relative to construction of ship canal around falls of Ste. Marie, 4348, 4349
——— in relation to incorporation of St. Paul's church, Detroit, 4350

MICHIGAN—Continued
Legislature. House—Continued
——— relative to manufacture of salt, 4351
——— in regard to petitions for repeal of law to encourage manufacture of salt, 4352
— — [of] committee to whom was referred petition for amendment expunging word "white" from constitution, 4353
— ——— on soldiers' suffrage, 4354
— — — of committee to whom was referred petition of S. Doty for extension of time in collecting school tax, 4355
— — on causes of unequal taxation, 4356
— ——— of committee to inquire and report facts in regard to alleged overdraft on treasury, 4357
——— relative to establishing homeopathic dept. in U. of M., 4358
—— — — of committee to inquire into present condition of U. of M., 4359
——— — ——— — ——— concerning character of report alleged to have been made by faculty of university, 4360
——— relative to change in Wayne co. poor house, 4361
——— of committee to whom were referred petitions for law for protection of witnesses, 4362
Resolutions reported by committee on New Jersey election, 4338
Special committee
Majority report on contested election seats from Wayne co., 4382
——— and minority reports of committee to whom was referred petition of S. L. Bignall to be admitted to seat, 4364
Report of committee to investigate Bank of Mich., 4363
——— — ——— to whom was referred petition of W. H. Clark asking investigation of acts of A. N. Hart, 4365
——— on amendments to constitution, 4366
——— of committee to whom was referred subject of asylum for deaf, dumb and blind and asylum for insane, 4367
——— — ——— appointed to visit asylum for deaf and dumb and the blind, 4368
——— on financial affairs of state, 4369
——— of committee to investigate charges against W. P. Healy, 4370

MICHIGAN—Continued
Legislature. House—Continued
——— — ——— to visit insane asylum at Kalamazoo, 4371
——— — ——— to investigate proceedings of boards of internal improvement, 4372
——— relative to granting licenses, 4373
——— ——— — interference of U. S. troops with construction of ship canal around falls of St. Mary's, 4374
——— of committee to whom was referred memorial of T. T. Lyon and S. Howard relative to preservation of forest trees, 4375
——— — ——— — ———
——— petitions praying laws authorizing sale of spirituous liquors be repealed, 4376
——— on construction of Northern Pacific railroad, 4377
——— on salt interest, 4378
——— in relation to interruption by U. S. troops of public works at Sault Ste. Marie, 4379
——— relative to right of suffrage, 4380
——— ——— — bill granting swamp lands in Upper Peninsula to counties, 4381
Water power in Mich., 4383
State bank charters, 3973
In memory of C. G. Luce, 3947
— ——— — J. McMillan, 3948
James McMillan, 2379
Joint committee
Joint report of committee [to whom was referred report of committee of inspection of prison], 4404
Report relative to agricultural college, 4384, 4385
——— of committee to whom was referred so much of governor's message as relates to agricultural college, 4386
Reports of committee [to investigate affairs of Bank of Mich.], 4387
Report relative to asylum for deaf, dumb and blind, 4388
——— of committee of investigation into condition of Farmers' and mechanics' bank, 4389
——— on five million loan bonds, 4390
——— relative to geological survey, 4391
——— on asylum for insane, 4392-4394
——— on alleged mismanagement in Mich. asylum for insane, 4395
——— of committee to whom was referred so much of governor's message as relates to asylum for insane, 4396

MICHIGAN—Continued
Legislature. Joint committee—Continued
——— on international exchange, 4397
——— of committee on mines and minerals, 4399
——— — ——— to whom was referred so much of governor's message as relates to mineral interests, 4400
——— — ——— to receive proposals for printing, 4401
——— — ——— to examine condition of penitentiary, 4402
——— — ——— — whom was referred so much of governor's message as relates to prison, 4403
——— — ——— — [to visit state prison], 4405
——— — ——— — [to whom was referred resolution of instruction on state prison], 4406
——— on location of Northern and Southern railroads, 4408, 4409
——— on Northern and Southern railroad routes, 4410, 4411
——— — reform school, 4412
——— of hearing on school book legislation, 4413
——— of committee to investigate treasury dept. and official acts of J. McKinney, 4414
Testimony in investigation touching administration of affairs of state prison, 4407
——— — ——— of Mich. soldiers' home, 4398
Joint committee on education
[Guffin]: Report of hearing on school book legislation, 1999
Joint committees on geological survey
Report, 4415
Joint documents, 3949
Joint memorial to Congress, 3950
Joint report on mining school, 3951
Joint select committee
Report of committee to investigate negotiation of five million loan, 4416
Legislative proceedings
Memorial of J. G. Blaine, 3952
——— — O. N. Case, 3953
——— — D. L. Crossman, 3954
——— — R. B. Hayes, 3955
——— — J. H. Macdonald, 3956
——— — F. B. Stockbridge, 3957
Mayhew: Popular education, 2932
Memorial and resolutions relative to improvements, 3958
——— — ——— ——— — —
improving Clinton River, 3959
——— of A. T. Bliss, 3960
——— proceedings for Gen. Sherman and Admiral Porter, 3961
——— to Congress in relation to Indians, 3962

MICHIGAN—Continued
Legislature. Memorials—Continued
——— to Congress, 3963
Michigan. Attorney general's office: Communication relative to compensation of members and officers, 3057
——— legislative handbook, 3964
———. Salt inspector: Statistics relating to saline interests, 4830
Nomination of a candidate for U. S. senator, 5555
R. A. Alger, 3965
Select committee of senate and committee on ways and means of the house
Report in relation to legalization of action of towns and counties in raising bounties for volunteers, 4417
Select joint committee
Report [of] committee to whom was referred part of governor's message which relates to admission of Mich., 4418
——— — minority of committee on soldiers' suffrage, 4761
Senate
Act regulating impeachment, 4419
Committee on agriculture
Report relative to appropriations for agricultural college, 4427
——— of committee to whom was referred so much of governor's message as relates to agricultural college, 4428, 4429
——— in relation to bill making appropriations for support of agricultural college, 4430
——— in pursuance to resolution for encouragement of agriculture, 4431
——— [relative to aid to agricultural industry], 4432
——— on bill to encourage keeping of sheep, 4433
——— of committee to whom was referred petitions asking appropriation in aid of agricultural society, 4434
——— relative to establishing state board of agriculture, 4435
——— — ——— and public instruction
Majority report on so much of governor's message as relates to agricultural college, 4437
Report of committee to whom was referred bill to establish branch of agricultural college in Grand Traverse country, 4436
——— — ——— or horse racing
Report [relative to petition for law to authorize J. Wilson to construct race tract], 4438

MICHIGAN—Continued
  Legislature. Senate—Continued
      ——— on amendments to the constitution
    Report, 4439
    ——— on the asylum for the deaf and dumb and the blind
    Report relative to condition of institution, 4440
    ——— of committee to whom was referred part of governor's message relative to asylum, 4441
    ——— — ——— ——— — ——— ———
    ——— so much of governor's message as relates to subject, 4442
    ——— — ——— ——— — ——— ———
    ——— — — — ———
    ——— — ——— — institution, 4443
    ——— on the asylum for the insane
    Report relative to amount expended for construction, 4444
    ——— [——— — construction and management of buildings], 4445
    ——— on banks and incorporations
    Report of committee to whom was referred petition for charter of bank at Otsego, Allegan co., 4446
    ——— on unfinished business
    Report in part, 4447
    ——— — claims
    Report relative to claim of J. J. Adam, 4448
    ——— ——— — ——— of estate of H. Alden, 4449
    ——— of committee to whom was referred petition of W. Buck, 4450
    ——— relative to petition of contractors on Clinton and Kalamazoo canal, 4451
    ——— ——— — claim of lieutenant governor, 4452
    ——— of committee to settle claims of state against Mich. state bank, 4453
    ——— in relation to memorial of C. C. Parks, 4454
    ——— relative to claim for improvement of sand flats of Muskegon River, 4455
    ——— of committee to whom were referred accounts and vouchers of E. H. Thomson, 4456
    ——— — ——— — ——— ———
    ——— claim of A. Titchworth, 4457
    ——— in relation to claim of J. Van Fossen, 4458
    ——— on the deaf and dumb and the blind

MICHIGAN—Continued
  Legislature. Senate—Continued
    Report on part of governor's message relating to claims of asylum, 4459
    ——— — education
    Report relative to appropriation of swamp lands in aid of colleges, 4460
    ——— ——— — establishment of chair of homeopathy in U. of M., 4461
    ——— — federal relations
    Report relative to armory in Northwest, 4462
    ——— ——— — appropriation of land for construction of ship canal around Niagara Falls, 4463
    ——— ——— — exchange of prisoners, 4464
    ——— ——— — furnishing two statutes of deceased persons, 4465
    ——— of committee to whom was referred resolutions on state of union, 4467
    Reports of committee to whom was referred portions of governors' messages relating to state of union, 4466
    ——— — finance
    Michigan. State industrial home for girls: Charges, 4987
    Report relative to claim of American express co., 4468
    ——— on reference of report of auditor general, 4469
    ——— [on examination of accounts on books of auditor general], 4470
    ——— relative to purchase of portion of state stock, 4471
    ——— of committee to whom was referred bill to authorize issue of new bonds for part-paid bonds, 4472
    ——— relative to memorial of A. R. Burr, 4473
    ——— ——— to new capitol, 4447
    ——— of committee to whom was resolution inquiring into expediency of providing by law for settlement of claims against individuals, 4475
    ——— on bill for auditing and paying expenses of constitutional convention, 4476
    ——— relative to memorial of R. W. Cummings, 4477
    ——— in relation to currency and finances of state, 4478
    ——— on petition of J. J. Speed, 4479

MICHIGAN—Continued
Legislature. Senate—Continued
——— committee to whom were referred part of governor's message relating to finances, 4480-4482
——— [relative to condition of treasury], 4483
——— relative to financial condition of state, 4484, 4485
——— of committee to which was referred message in relation to proposition of Morris canal and banking co., 4486
——— on five million loan, 4487
——— of committee to whom was referred part of governor's message relating to foreign and domestic indebtedness, 4488
——— on condition of contingent fund, 4489
——— in relation to transfer of public funds, 4490
——— relative to condition of war fund, 4491
——— on communication and accounts of state geologist, 4492, 4493
——— of committee to whom was referred resolution instructing attorney general [to recover sum of money], 4494
——— — ——— — ——— ———
——— — letter of K. Pritchette, 4495
——— on bill relative to state printing, 4496
——— relative to Saginaw canal, 4498
——— of committee to whom was referred petition of president of Bank of St. Clair, 4499
——— — ——— — ——— were referred resolutions relative to reduction of salaries, 4500
——— — ——— — ——— was referred petition of supervisors of Shiawassee co., 4501
——— in relation to providing for support of state government, 4502
——— on bill to amend chapter 20 of revised statutes, 4503
——— relative to state taxes, 4504
——— of committee to whom was referred report on five million loan, 4505
——— relative to usury laws, 4506, 4507
Sale of railroads, report, 4497
Committees on finance and judiciary
Report on bill [to tax banking associations], 4508
Committee to confer with the governor

MICHIGAN—Continued
Legislature. Senate—Continued
Report relative to mistakes in internal improvement bill, 4509
——— on house of correction
Report [relative to management and operation of institution], 4510
——— on incorporations
Minority report in relation to changing boundaries of 10th ward of Detroit, 4516
Report in reference to amending constitution to secure state bank, 4511
——— relative to Berrien co. mutual insurance co., 4512
——— [of] committee to whom had been referred applications for charters of incorporations, 4513
——— on resolution referring so much of governor's message as relates to currency, 4514
——— — ——— inquiring into expediency of prohibiting circulation of bills of less than 5 dollars, 4515
——— relative to Farmers' and mechanics' bank, 4517
——— [of] committee to whom has been referred bill to create fund for benefit of creditors of corporations, 4518
——— in relation to grant of lands to railroad cos., 4519
——— in regard to condition of Mich. state bank, 4520
——— on resolution relating to Mich. insurance co. to issuing notes as money, 4521
——— relative to Mich. insurance co., 4522
——— of committee to whom was referred resolution to inquire into violations of charter by Oakland co. bank, 4523
——— on portion of governor's message relating to state bank, 4524
——— — on Indian lands
Report on purchasing Indian lands, 4525
——— on internal improvement
Report in regard to leasing Central railroad, 4526
——— [relative to bill for relief of W. W. Clark], 4527
——— — — to loan to Bank of Gibralter, 4528
——— in relation to indebtedness of late commissioners, 4529
——— relative to suspension of works of internal improvement, 4530

MICHIGAN—Continued

Legislature. Senate—Continued

——— ——— to abrogating present board, 4531

——— of committee to whom was referred documents in relation to internal improvement, 4532

——— — ——— — ——— ——

——— so much of governor's message as relates to subject, 4533

Reports in relation to suspension of proceedings on Northern and Southern railroads, 4534

Report on claim of Patrick and Vrooman, 4535

——— relative to collections on public works, 4536

——— in relation to expediency of appropriations on public works, 4537

——— — ——— to certain railroads, 4538

——— relative to bill to authorize counties to raise money to aid construction of railroad from Lansing to New Buffalo, 4539

——— ——— — purchase of River Raisin and Lake Erie railroad, 4540

——— ——— to suspension of operations on Southern railroad, 4541

——— in regard to orders drawn upon individuals by R. M. Morrison, 4542

——— on bill to amend act of Southern railroad, 4543

——— relative to Southern railroad, 4544

——— of committee to whom was referred bill to amend charter of Mich. southern railroad co., 4545

——— — ——— — ——— ——

——— proposition to lease Central railroad, 4546

——— relative to transportation of materials for building university, 4547

——— ——— to Ypsilanti and Tecumseh railroad co., 4548

——— on the judiciary

Report of committee to whom was referred memorial of inhabitants of Plainfield, Allegan co., 4549

——— — ——— — ——— ——

——— petitions asking amendment to constitution to enable legislature to establish banking system similar to that of Ohio, 4550

MICHIGAN—Continued

Legislature. Senate—Continued

——— — ——— — ——— ——

——— petition to alter collection law that debtor shall not possess advantage over creditor, 4551

——— relative to pay of circuit judges, 4552, 4553

——— of committee to whom was referred resolution relative to amending constitution, 4554

——— — ——— — ——— ——

——— bill relative to proceeding against persons or incorporations usurping corporate powers, 4555

——— — ——— — ——— ——

——— petition asking restoration of death penalty, 4556

——— upon memorial of Detroit and Maumee railroad co. for amendment to charter, 4557, 4558

——— of committee to whom were referred petitions praying passage of act to establish highways in Fairfield township, Lenawee co., 4559

——— relative to allowing claim of C. Howard, 4560

——— of committee to whom was referred part of governor's message which relates to reorganization of judiciary, 4561

——— relative to powers to authorize appropriation of normal school lands for highways, 4562

——— on claim for improvement of sand flats of Muskegon River, 4564

——— of committee to whom was referred so much of governor's message as relates to laws, 4565

——— — ——— — ——— ——

——— petition of Z. Platt, 4566

——— — ——— — ——— ——

——— resolution of enquiry into exempting from sale on account of debt real estate, 4567

——— relative to petitions asking passage of law increasing fees and compensation of registers of deeds, 4568

——— of committee to whom was referred bill dividing state into single representative districts, 4569

——— relative to election of senators, 4570

——— or committee to whom was committed resolution relative to classification of senators, 4571

MICHIGAN—Continued
Legislature. Senate—Continued
——— on amendment to extend elective franchise to all irrespective of color or descent, 4572
——— relative to constitutionality of law to enable electors in military service to vote and vote outside of state, 4573, 4574
——— ——— — bill to provide homeopathic branch of U. of M., 4575
——— of committee to whom was referred petitions for stringent usury law, 4576
——— on petition for increase of masters in chancery in Wayne co., 4577
——— on resolution in relation to constitutionality of mode of appointing judge of criminal court in Wayne co., 4578
Sovereign right of Mich. to mines and minerals, 4563
——— on public lands
Minority report relative to sale and drainage of swamp lands, 4586
Report relative to grant of swamp lands to German-American seminary of Detroit, 4579
——— of committee to which was referred so much of governor's message as relates to lands belonging to state, 4580
——— relative to lands received by state, 4581
——— of committee to whom was referred so much of governor's message as relates to public lands, 4582
——— — committee to whom was referred so much of governor's message as relates to public and mineral lands, 4583
——— — committee to whom was referred bill authorizing issuing patents for railroad lands in Upper Peninsula, 4584
——— authorizing commissioner of land office to issue certificate of purchase to T. B. Abell, 4585
——— on resolution to inquire into expediency of granting swamp lands to counties, 4587
——— [relative to] sale and disposition of swamp lands, 4588
——— relative to sale of university land, 4589
——— of committee to whom was referred resolution to inquire into expediency of reducing price of university and state building lands, 4590

MICHIGAN—Continued
Legislature. Senate—Continued
——— ——— ———
referred petition for removal of land office from Marshall to Grand Rapids, 4591
——— on lands returned delinquent for taxes
Report of committee to whom was referred resolution in relation to repeal of laws which require return of lands delinquent for taxes, 4592
——— on expiring laws
Report respecting license laws, 4593
——— of committee to whom was referred bill to repeal section relating to qualified voters in school meetings, 4594
——— on supplementary bill to primary school law
Report, 4595
——— on literature
Report of committee to whom was referred resolution instructing enquiry into propriety of allowing regents traveling expenses, 4596
——— on manufactures
Report of committee to whom was referred communication relative to salt springs and salines, 4597
——— — military affairs
Report relative to providing for military instruction at agricultural college, 4598
——— on petition of F. W. Higby, 4599
——— on the militia
Brief statement of accounts for services rendered and expenses incurred in raising regiment of volunteers to serve in Mexican war, 4603
Report relative to arms and military stores in state, 4600
——— in relation to Major Dequindre, 4601
——— on petition of F. Hart, 4602
——— of committee to whom were referred so much of message of executive as regards militia, 4604
——— ——— ——— was referred part of governor's message relating to militia, 4605
——— on mines and minerals
Report of committee to whom was referred bill relative to granting charters to mining corporations in Upper Peninsula, 4606
——— on mines, minerals and mining interests
Michigan. Legislature: Joint report on mining school, 3951

MICHIGAN—Continued
Legislature. Senate—Continued
———— on printing
Minority report, 4607
Report relative to printing constitution and laws in German, 4608
——— after conference in relation [to necessary printing required by both houses], 4609
——— of committee to whom was referred bill to repeal act creating state printer, 4610
——— relative to appointment of state printer, 4611, 4612
——— of committee to whom was referred resolution relating to printing reports of superintendent of public instruction, 4613
———— on state prison
Report relative to criminal jurisprudence, 4614, 4615
——— ——— to employing a portion of convict labor in manufacture of fire arms, 4616
——— of committee to whom was referred so much of governor's message as related to establishment of state prison, 4617
Report, 4618
——— of committee to investigate affairs of state prison, 4619
——— — ——— — ———
expenditures on state prison, 4620
——— — ——— — whom was referred report of commissioners on location of penitentiary, 4621
——— — ——— — ——— ——
——— so much of governor's message as relates to state prison, 4622
——— — ——— — ——— ——
——— — ——— — ———
——— — ——— — prisons, 4623
——— — ——— — ——— ——
——— — ——— — ———
——— — ——— — same, 4624
——— [relative to results of visit to institution], 4625
——— on resolutions referred to committee, 4626
———— on privileges and elections
Report of committee to whom was referred memorial of G. A. Coe who claims to have been elected senator, 4627
——— — ——— — ——— ——
——— petition of B. F. Graves that E. Hussey be excluded from seat in senate, 4628
——— relative to petitions of persons asking to be admitted to seats as senators, 4629

MICHIGAN—Continued
Legislature. Senate—Continued
——— ——— to extending elective franchise to certain citizens, 4630
——— in reference to bill to enable qualified electors in military service to vote, 4631
——— in contested case of Tyler vs. Pond, 4632, 4633
———— — public instruction
Report relative to establishing "German-American seminary", 4634
——— in relation to governor's message as translated and printed in French, 4635
——— respecting exchange of literary productions, 4636
——— on petition asking aid for instruction of deaf and dumb, 4637
——— of committee to whom was referred part of governor's message relating to primary schools, 4638
——— relative to certain school moneys, 4639
——— ——— to report of superintendent of public instruction, 4640
——— ——— — apportionment of two mill tax, 4641
——— in relation to proceeds of two mill tax for support of schools, 4642
——— in answer to certain queries regarding branches of university, 4643
——— relative to bill to provide for organization of homeopathic branch of university, 4644
——— of committee to whom was referred resolution instructing board of regents to procure publication of journal of their doings, 4645
——— — ——— — ——— ——
——— ——— of inquiry to expediency of providing by law for publishing journal of board of regents of university, 4646
——— in relation of remonstrance of regents of university, 4647
———— on railroad routes
Report of majority of committee to consider propriety of location of Northern and Southern railroad routes, 4648-4650
———— on railroads
Report on taxation of railroad lands, 4651
———— on the reform school
Report relative to condition of institution, 4652

MICHIGAN—Continued
Legislature. Senate—Continued
——— on roads and bridges
Report relative to overseers of highways, 4653
——— ——— to vacations of highways by 12 freeholders, 4654
——— in relation to highway labor, 4655
——— relative to highway taxes, 4656
——— in reference to repeal of charter of Jackson and Michigan plank road co., 4657
——— of committee to whom was referred petitions signed by persons in vicinity of road contemplated, 4658
——— on state affairs
Documents in relation to certain university and state lands, 4676
Report of committee to whom was referred bill to amend charter of banks of state, 4659
——— on joint resolution relative to basement rooms of capitol, 4660
——— relative to papers and propositions for location of capitol, 4661
——— upon petition of T. Comfort, 4662
——— of committee to whom was referred resolution proposing amendment in relation to qualification of voters, 4663
——— ——— ——— to which was referred petition for amending constitution by expunging word "white", 4664
——— ——— ——— to whom was referred so much of governor's message as relates to establishment of work-shop or penitentiary in Detroit, 4665
——— relative to Detroit post-office as distributing office, 4666
——— on resolution relative to slavery in District of Columbia, 4667
——— relative to establishment of emigrant agency, 4668
——— in relation to bill to regulate fisheries, 4669
——— ——— ——— to destruction of fish, 4670
——— of committee to whom was referred resolution relative to extension to governors of franking privilege, 4671
——— relative to portion of governor's message which relates to immigration, 4672

MICHIGAN—Continued
Legislature. Senate—Continued
——— ——— to application for donations of lands for internal improvements, 4673
——— of committee [to whom was referred petitions asking law for appraisal of damages for land flowed by mill dams], 4674
——— ——— ——— to whom was referred bill for drainage and reclamation of swamp lands by system of state roads, 4675
——— relative to license law, 4677, 4678
——— on bill to provide for relocating county seat of Macomb co., 4680
——— in relation to settlers on Niles reserve, 4681
——— relative to claim of D. W. Noyes, L. Andrews, U. Miller and H. W. Miller, 4682
——— ——— to passage by Congress of preemption law, 4683
——— of committee to whom was referred petition of board of supervisors of Shiawassee co. praying for amendment to joint resolution no. 18, 4684
——— ——— ——— ———
——— resolution relating to protection of American industry, 4685
——— on petition for extension of time for collection of taxes for 1839, 4686
——— in relation to annexation of Texas, 4687
——— on project to levy unequal tolls on commerce through Oswego canal, 4688
——— relative to establishment of female dept. in university, 4689
——— of committee to whom was referred petition for aid in construction of harbor in Ottawa co., 4690
——— ——— ——— ———
committed document in regard to act for destruction of wolves, 4691
——— upon memorials of ladies praying legislature to grant them privilege of elective franchise, 4692
——— of committee to whom was referred resolution for relief of W. Woodhouse and C. W. Butler, 4693
——— on towns and counties
Report on Berrien county seat, 4694

MICHIGAN—Continued
  Legislature. Senate—Continued
      ——— of committee to whom was referred bill to establish seat of justice of Branch co., 4695
      ——— relative to annexation of towns to county of Shiawassee, 4696
      ——— in relation to removal or vacating county seat of Shiawassee co., 4697
    Documents, 4420
    Edmonds: Journal of senate as court of impeachment, 1575
    Eulogies on death of E. S. Northrup, 4421
    Executive journal, 4422
    Investigating committee
      Report of committee to audit and settle accounts of state penitentiary, 4698
    Journal, 4423
    Michigan. Attorney general's office: Communication relative to oaths of office of senators, 3061
    ———. ——— ——— ———:
      Communication relative to pay of president of senate, 3062
    Practice and procedure, 4424
    Protest against passage of laws during present session, 4425
    [Reply to resolution requesting reason in favor of abolishing office of commissioner of state land office], 4426
    Select committee
      Report on appropriation law, 4699
      ——— of committee to whom were referred resolutions relative to city banks, 4700
      ——— relative to state bank and branches, 4701
      ——— in regard to resumption of specie payments by banks, 4702
      ——— of committee to investigate alleged misapplication of part-paid bonds said to have been paid in by Mich. southern railroad co., 4703
      ——— upon expediency of completing part of Clinton and Kalamazoo canal, 4704
      ——— of committee to whom was referred part of governor's message which relates to formation of congressional districts, 4705
      ——— — ——— — ——— were referred resolutions amending constitution, 4706
      ——— upon amendments to constitution, 4707, 4708
      ——— —— chap. 20, title 5 of proposed revision, 4709
      ——— on constitutional reform, 4710

MICHIGAN—Continued
  Legislature. Senate—Continued
      ——— of committee to which was referred answers from county clerks and so much of governors message as relates to expenses of courts, 4711
      ——— — ——— — whom had been referred so much of governor's message as relates to imprisonment for debt, 4712
      ——— on abolishing imprisonment for debt, 4713
      ——— in reference to mortgage on Detroit and Pontiac railroad, 4714
      ——— of committee to whom was referred petition relative to school under care of pastor of Trinity church, 4715
      ——— on contested election in 5th senatorial district, 4716
      ——— of committee to whom has been referred sundry petitions on inspection of fish, 4717
      ——— — ——— — ——— was referred memorial of T. K. Green for grant of lands in consideration of monies overpaid on purchase of primary school lands, 4718
      ——— on five million loan, 4719
      ——— on report of state agent of immigration, 4720
      ——— on public improvements, 4721
      ——— of committee to which was referred bill to improve administration of justice, 4722
      ——— on bill to authorize improvement of Kalamazoo River, 4723
      ——— of committee to whom was referred so much of governor's message as relates to affairs of Kansas, 4724
      ——— on modification and reduction of price of university lands, 4725
      ——— of committee to whom were referred petitions praying repeal of license laws, 4726, 4727
      ——— — ——— — ——— has been referred petitions in favor of law prohibiting manufacture of intoxicating beverages, like law in Maine, 4728
      ——— — ——— — ——— was referred bill prohibiting manufacture of intoxicating beverages and traffic therein, 4729
    ——— — ——— — ——— —
      ——— circular suggesting passage of law for more effectual prevention of traffic in ardent spirits with Indian tribes, 4730

MICHIGAN—Continued
  Legislature. Senate—Continued
      ——— relative to petitions for passage of bill to authorize formation of mechanics' and laboring men's cooperative associations, 4731, 4732
      ——— of committee to investigate conduct of commissioners to settle with Mich. state bank, 4733
      ——— relative to real value of assets of Mich. state bank, 4734
      ——— of committee to whom it was referred to ascertain what legislation is needed in regard to raising bounties for volunteers, 4735
      ——— on petitions for removal of state locations on Niles and Nottawassepe reserve, 4736
      ——— on bill to set off real estate under execution, 4737
      ——— on so much of governor's message as relates to River Raisin and Lake Erie railroad co., 4738
      ——— upon alleged trespasses by Sault St. Mary's Falls ship canal co. on school section 16, T 46 N, R 2 E, 4739
      ——— relative to manufacture of salt, 4740
      ——— ——— to improvement salt springs, 4741
      ——— of committee to whom was referred so much of governor's message as relates to abolition of slavery, 4742
      ——— — ——— — ——— ——
      ——— petition of state medical society, 4743
      ——— — ——— — ——— ——
      ——— resolution to enquire whether any officers, agents or clerks can be dispensed with, 4744
      ——— — ——— on soldiers' suffrage, 4745
      ——— on resolutions concerning proceedings of U. S. senate in relation to President, 4746
      ——— of committee to whom was referred petition and claim of J. Van Fossen, 4747
      ——— on claim of J. Van Fossen, 4748
      ——— of committee to whom was referred memorial praying for redress of grievances from location of university lands upon Niles reserve, 4749
      ——— — ——— — ——— ——
      ——— so much of auditor general's report as relates to Wayne co., 4750, 4751

MICHIGAN—Continued
  Legislature. Senate—Continued
    Special committee
      Majority report on manufacture of salt, 4758
      Minority report of committee to whom was referred so much of governor's message as relates to salt interest, 4759
      Report of committee to whom was referred report of Michigan asylums, 4752
      ——— — ——— — ——— ——
      ——— ——— — trustees of state asylums, 4753
      ——— relative to government stock bank, 4754
      ——— on general revision of constitution, 4755
      ——— of committee to inquire into military expenditures, 4756
      ——— — ——— to whom was referred examination of ex-expenditures of quartermaster and adjutant general's depts., 4757
      ——— — ——— — ——— ——
      ——— resolutions of general assembly of Virginia, 4760
    Wilber: Speech advocating construction of Mich. ship canal, 6924
  Shall convicts be imported from other states, 3966
  Sheldon: Mss., 8048
  Special joint committee
    Report of committee to whom was referred investigation of affairs of Detroit and Milwaukee railroad co., 4762
    ——— — ——— — investigate business and affairs of Pere Marquette railroad co., 4763
  Stevens: Testimony before committee, 6401
  See also Michigan (Ter.) Legislative council
Libraries, 5406
Library association
  Corwin: Use of library bulletins, 840
  Mich. libraries, 5406
  Preston: Library institutes, 5871
  Proceedings, 4764
  [Program], 4765
  See also Libraries; Michigan. State board of library commissioners
——— ——— and state board of library commissioners
  [Library institute program], 4766
——— commissioners, see Michigan. State board of library commissioners
Live stock sanitary commission
  Biennial report, 4767
Local government, see Michigan. Politics and government
Lower Peninsula, see Lower Peninsula

MICHIGAN—Continued
Lumbermen
Facts and figures against passage of Chicago relief bill, 4768
Mackinac Island state park commission, see Mackinac Island state park
Manual
Michigan. Dept. of state: Mich. official directory, 3511
————. Governor: Official manual and directory, 3746, 3747
Manufacturer and financial record
Made in Mich., 5407
Manufacturers' association
Members of the association and what they manufacture, 4769
Manufactures, see Michigan. Industries; U. S. Industries; U. S. Manufactures
Maps
Aeroplane view of Mich., by Arnold transit co., 7372
Bridgman's county and railroad township map, 7280
Cadillac evening news: Atlas of Wexford co., containing map of Mich., 7603
Carte, géographique, statistique et historique de territoire, by J. A. C. Buchon, 7144
Colton's county and township map of Ill., Wis., Minn., Iowa and Mo., with parts of Ind., Mich., Kans. and Nebr., 7252
———— guide map, 7269
———— [map of] Mich., 7242
———— map of Mich. showing Toledo, Ann Arbor and north Mich. railway and connecting lines, 8020
———— railroad and express map of northwestern states, 7373
———— ———— and township map, western states, 7221
———— sectional map, 7266
———— township map of Mich., 7281
———— township map, 7284
Cookingham: Atlas of Sanilac co., containing map of Mich., 7566
County of Bay; state map, by Monroe and Learman, 7423
Cram's new sectional map, 7282
———— railroad and township map, 7304
———— superior map, 7368
———— township and railroad map, 7313
Day: Atlas of Genesee co., containing map of Mich., 7453
Diagram of Mich. showing districts surveyed by U. S. Surveyor general's office, 7209
———— —— ——. ———— ———— for subdivisions, by U. S. Surveyor general's office, 7212
Estabrook: Geography of Mich., 7299
Explanations of maps accompanying report from Secretary of treasury Jan. 18, 1841, 9 maps, no. 2 Mich., 7196

MICHIGAN—Continued
Maps—Continued
Farmer's new sectional map of Wis., embracing part of Ill., Mich. and Minn., 7257
———— railroad and township map of Mich., 7249, 7255, 7261, 7270, 7273, 7276
———— ———— and sectional map, 7267
———— township map of Mich. and Wis., embracing part of Iowa, Ill. and Minn., 7238
Gebiet Mich., by W. E. A. von Schlieben, 7154
Geographical, statistical and historical map of Mich. Territory, by J. Finlayson, 7141, 7149
Geographische—statistische und historische charte, by C. F. Weiland, 7152
Geological map, by geological survey, 7369
———— ——, by A. Winchell, 7246
Guide through Ohio, Mich., Ind., Mo., Ill., Wis. and Iowa, by J. C. Smith, 7193, 7199, 7202, 7230
Hayes: Atlas of Grand Traverse co., to which is added township map of Mich., 7457
——: ———— — Isabella co., — ——— — ——— ———— ——— — ——., 7476
——: ———— — Mecosta co., — ——— — ——— ———— ——— — ——., 7522
——: ———— — Newaygo co., — ——— — ——— ———— ——— — ——., 7538
——: ———— — Osceola co., — ——— — ——— ———— ——— — ——., 7547
Illustrated atlas of Winnebago and Boone cos., Ill., containing maps of Mich., Indiana [etc.], by H. R. Page & co., 7316
Improved edition of map of surveyed part, by J. Farmer, 7168, 7175
———— map of surveyed part of Territory of Mich., by J. Farmer, 7157
—— —— —— — territories of Mich. and Ouisconsin, by J. Farmer, 7169, 7176
Kenyon's highway map, 7371
Lake shore detailed survey road map of Ill., Ind., Mich., Wis., by Standard map co., 7365
[Map], 7216, 7344, 7374
[——], by Calvert lith. co., 7268
——, by J. Farmer, 7200
——, by S. Geil, 7256, 7258
——, by P. E. Judd, 7143
——, by Kenyon printing and mfg. co., 7364
——, by Railroad commissioner, 7317, 7319, 7321, 7322

MICHIGAN—Continued
Maps—Continued
——, by H. G. Rothwell, 7375
——, by Schönberg & co., 7245
——, by U. S. Dept. of interior. General land office, 7263
—— of Michigan and part of Wisconsin Territory, by D. H. Burr, 7188
—— — ——— and surrounding country, by J. Farmer, 7210, 7219, 7227, 7241, 7254, 7265, 7275, 7283
—— — ——— and Wisconsin, by D. H. Burr, 7189
—— — ——— — ———, by J. Farmer, 7222
—— — ——— — ———, by Matthews-Northrup co., 7329
—— — ——— — ———, by H. R. Page & co., 7294
—— — ——— — ———, by A. von Steinwehr, 7290
—— — ——— — ———, embracing great part of Iowa, Ill. and Minn., by J. Farmer, 7234, 7240, 7243, 7247
—— of northern parts of Ohio, Ind. and Ill., with Mich. and part of Ouisconsin Territory, by D. H. Burr, 7174
—— of Ohio, Ind. and Ill., with settled part of Mich., by S. A. Mitchell, 7178, 7184, 7187, 7190
—— of states of Ind. and Ohio, with part of Mich. Territory, 7161, 7198
—— of state of Mich. and Territory of Wis., by J. Farmer, 7183
—— of states of Ohio, Ind. and Ill., and part of Mich. Territory, by A. Finley, 7148
—— — —— — ——, ——, —— ——., —— —— — ——— —. —— ———, by S. A. Mitchell, 7159, 7160
—— — —— — ——, ——, —— ——., with settled part of Mich., by S. A. Mitchell, 7165, 7170
—— of surveyed part of Mich., by J. Farmer, 7182, 7191, 7215, 7226
—— — ——— —— of Territory of Mich. by O. Risdon, 7146
—— — ——— —— — ——— — ——., by J. Farmer, 7147
—— of territories of Mich. and Ouisconsin, 7153
—— — —— — —— —. ——. —— —— ———, by J. Farmer, 7158, 7177
—— of western states, by J. M. Atwood, 7224, 7231
—— showing state lands, [by J. F. Nellist], 7355
[Maps of Mich.], 7309
Mast & co's. new map of Ohio, Ind. and Mich., 7292
Mathews-Northrup up-to-date map, 7341
Mendenhall's road map, 7342

MICHIGAN—Continued
Maps—Continued
Mich., in Bradford's illustrated atlas, 7186
——., by M. R. Brown, 7315
——., by D. H. Burr, 7156
——., by C. G. Colby, 7237
——., by G. W. and C. B. Colton & co., 7291
——., by J. H. Colton, 7225
——., by G. F. Cram, 7303
——., by J. Greenleaf, 7197
——., by C. N. Kendall, 7326
——., by F. Lucas, 7142
——., by S. A. Mitchell, 7211
——., by C. W. Morse, 7235
——., 1844, by S. E. Morse, 7201
——., by J. E. Sherman, 7286
——., by H. S. Stebbins, 7300
——., by U. S. Dept. of interior. General land office, 7296
——., by H. S. Tanner, 7172
——., 1841, by H. S. Tanner, 7195
——. and Great Lakes, by T. G. Bradford, 7167
——. and Wis., by J. H. Colton and A. J. Johnson, 7248, 7250, 7253
——. —— ——., by S. A. Mitchell, 7244, 7251, 7259, 7260, 7277
——., Wis. and part of Iowa, by J. Olney, 7204
——., ——., Iowa and Minn., by J. Bartholomew, 7232
New and authentic map of Mich. and Wis., by T. R. Tanner, 7155
—— emigrant's map, by J. Wightman, 7166
—— map, by C. Desilver, 7233
—— ——, by S. A. Mitchell, 7217
—— —— of Mich., by H. S. Tanner, 7180
—— —— with canals, roads and distances, 7220
—— railroad, postoffice and county map, by National publishing co., 7339
—— sectional map of Mich. and Territory of Wis., by T. R. Tanner, 7205, 7206
North America; upper Canada; Northwest and Mich. territories, by Society for diffusion of useful knowledge, 7163, 7164
Official map of Mich., by Railroad commissioner, 7314, 7325, 7327, 7330-7332, 7334
——— railroad map, by Railroad commissioner, 7338, 7343, 7347, 7352, 7359
Ogle & co,: Standard atlas of Allegan co., including map of state, 7412
—— — —.: ——— —— — Antrim co., ——— —— — ——, 7416
—— — —.: ——— —— — Arenac co., ——— —— — ——, 7417

MICHIGAN—Continued
Maps—Continued
——— — —.: ——— —— — Barry co., ——— —— — ——, 7421
——— — —.: ——— —— — Benzie co., ——— —— — ——, 7424
——— — —.: ——— —— — Branch co., ——— —— — ——, 7430
——— — —.: ——— —— — Calhoun co., ——— —— — ——, 7436
——— — —.: ——— —— — Clinton co., ——— —— — ——, 7445
——— — —.: ——— —— — Delta co., ——— —— — ——, 7447
——— — —.: ——— —— — Ionia co., ——— —— — ——, 7473
——— — —.: ——— —— — Jackson co., ——— —— — ——, 7482
——— — —.: ——— —— — Kalamazoo co., ——— —— — ——, 7487
——— — —.: ——— —— — Kent co., ——— —— — ——, 7498
——— — —.: ——— —— — Livingston co., ——— —— — ——, 7517
——— — —.: ——— —— — Macomb co., ——— —— — ——, 7519
——— — —.: ——— —— — Menominee co., ——— —— — ——, 7524
——— — —.: ——— —— — Midland co., ——— —— — ——, 7527
——— — —.: ——— —— — Monroe co., ——— —— — ——, 7530
——— — —.: ——— —— — Muskegon co., ——— —— — ——, 7536
——— — —.: ——— —— — Newaygo co., ——— —— — ——, 7539
——— — —.: ——— —— — Oceana co., ——— —— — ——, 7545
——— — —.: ——— —— — Ottawa co., ——— —— — ——, 7549
——— — —.: ——— —— — Saginaw co., ——— —— — ——, 7554
——— — —.: ——— —— — St. Clair co., ——— —— — ——, 7557, 7559
——— — —.: ——— —— — Shiawassee co., ——— —— — ——, 7570
——— — —.: ——— —— — Van Buren co., ——— —— — ——, 7574
——— — —.: ——— —— — Washtenaw co., ——— —— — ——, 7580, 7583
Ohio, Ind. and Mich., 7150
——, ——. and Ill. and Mich. Territory, by E. Strong, 7171
Part of U. S. exhibiting Northwest, Mich., Ind. and Ill. Territory, by J. Cary, 7145
Post route map of Mich. and Wis., by U. S. Postoffice dept., 7272, 7301, 7308, 7336, 7349, 7350, 7356, 7361, 7366
——— ——— ——— — Ohio and Ind., with adjacent parts of Pa., Mich., Ill., Ky. and W. Va., by W. L. Nicholson, 7302
Railroad and postoffice map, by H. H. Lloyd & co., 7274

MICHIGAN—Continued
Maps—Continued
——— map, by Railroad commissioner, 7287, 7293, 7297, 7305, 7306, 7310, 7311
——— ——, by H. S. Stebbins, 7320
Rand-McNally commercial atlas map, 7357
————— & co's. indexed county and township map of, 7307
————— — ——. ——— ——— —— ——— —— and shippers' guide, 7323, 7324, 7335
————— — ——. indexed map, 7288
————— — ——. indexed pocket map and shippers' guide, 7370
————— — ——. sectional, statistical and commercial map, 7353
————— — ——. township, county and railroad map, 7295
Sauer: Illustrated atlas of Kalamazoo co., containing map of Mich., 7486
Scarborough's new census map, 7358, 7363
Schönberg's map, 7262
Sectional map, by S. Farmer & co., 7333, 7337
——— —— of Mich. and Wis., by E. Molitor, 7271
——— ——, by R. M. Tackabury, 7289
Sketch of Mich. showing districts embraced in contracts for township lines, by U. S. Surveyor general's office, 7213
——— of public surveys, 7203
——— — ——— ——— in Mich., 7207, 7208
——— — ——— ———, by U. S. Surveyor general's office, 7214, 7218, 7223, 7236
Staat Mich., 7228
Standard map co.: Atlas and farm directory of Isabella co., [containing map of Mich.], 7478
——— —— —.: —— —— —— ——— — Mason co., ——— —— — ——., 7521
State of Mich., by U. S. General land office, 7318, 7346
Steele's map of Ohio, Ind. Ill. and Mich., 7185
Tourist's pocket map, by J. H. Young, 7173, 7181
Township map of Mich., by Ensign, Bridgman and Fanning, 7229
Traveller's map of Mich., Ill., Ind. and Ohio, by H. Phelps and B. S. Squire, jr., 7179
——— — ——., ——., ——. ———, by H. Phelps and T. Ensign, 7192, 7194
——— pocket map, by H. S. Tanner, 7162

MICHIGAN—Continued
Maps—Continued
"Tri-color" map, by S. Farmer & co., 7340, 7354, 7362
Tunison's new distance and indexed map, 7345
Watson's new county, railroad and distance map, 7285
Western states, by J. Bartholomew, 7264
Western states and territories, by A. Finley, 7151
Wisconsin and Mich., agencies of Aetna insurance co., 7239
Wolverine state, by Haskell bros., 7298
See also Canada. Maps; Great Lakes and Great Lakes region. Maps; Michigan. Atlases; Northwest, Old. Maps; War of 1812. Maps
Mason monument commission
[Invitation to ceremonies at unveiling of monument], 4770
Proceedings, unveiling ceremonies of Mason monument, 5877
See also Mason, S. T.
Medical society, see Michigan. State medical society
Merino sheep breeders' association
Register, 4771
Michigan airline railroad
Map showing route, by G. W. and C. B. Colton & co., 8009
Mich. air line railroad co., 5359
———— central railroad co.
Annual report, 5367
Charter, 5368
Circular of treasurer, 5369
Comfort in travel, 5370
Compilations of charter, 5371
Contract between Mich. central and Galena and Chicago union, 5372
Copies of reports, 5373
Detroit, 5374
———. Recorder's court: Petition for separation of grades, 1338
Donan: Mackinac Island, 1534
Extracts from railroad laws, 5375
Fairy isle of Mackinac, 5376
Fitch: Report of great conspiracy case, 1702
Headlight, 2092
Homeseekers' excursions to northern Mich., 2198
Howell: Memorial relative to Central and Southern railroads, 2229
Illinois central railroad co.: Statements and replies in reference to compensation for use of road, 2274
In summer days, 5382
Joy: Mss., 8136, 8138
——: Memorial in behalf of, 2427
Laws and charters under which Mich. central and connections have been constructed, 5377
Lilibridge: Report of conspiracy trial, 2743

MICHIGAN—Continued
Michigan central railroad co.—Continued
Mackinac Island, 5378
Michigan. Dept. of state: Letter transmitting report, 3504
————. Legislature. House. Committee on banks and incorporations: Minority report of committee to whom was referred bill to amend act to incorporate, 3995
Powers: Mich. central vs. P. F. Powers, 5863
Railway panoramic guide, 5906
Reply to communication concerning comparative rates of transportation of freight, 5379
Report of case Michigan central vs. Michigan southern, 5380
——— upon merits as investment, 5381
Sibley: Mss., 8175
Smith: Petition relative to New Buffalo and Central railroad, 6311
Van Dyke: Memorial asking legislature not to condemn franchise, 6738
See also Central railroad
Michigan Central railroad employees' mutual relief association
Proceedings of 1st annual meeting, 5383
———— and Ohio ferry co.
Baker vs. Barges "Tycoon" and "Mikado", 8229
———— southern railroad co.
Circular statement of condition and prospects, 5415
Emmons: Mss., 8041, 8052, 8068, 8073, 8078, 8080
Exhibit of condition and prospects, 5416
Howell: Memorial relative to Central and Southern railroads, 2229
Joy: Mss., 8136
——: Memorial in behalf of Mich. central railroad, 2427
Memorial, 5417, 5418
[Michigan. Auditor general's office: Statement in compliance with resolution requesting amount of indebtedness], 3145
———— central railroad co.: Report of case Mich. central vs. Mich. southern, 5380
————. Dept. of state: Letter transmitting report, 3504
————. Legislature. House. Committee on banks and incorporations: Minority report, 3990
————. ————. ———. —— ————————: Report, 3997
————. ————. ———. —— ————————: Report of minority on incorporation, 3998
————. ————. Senate. Committee on internal improvement: Report on bill to incorporate, 4543

MICHIGAN—Continued
Michigan southern railroad co.—Continued
———. ————. ———. ——— — ——— ————: Report of committee to whom was referred bill to amend charter, 4545
———. ————. ———. Select committee: Report of committee to investigate alleged misapplication of part-paid bonds, 4703
See also Lake shore and Mich. southern railway co.; Southern railroad
——— southern and northern Indiana railroad co.
By-laws, 5411
Charter and laws relating to, 5412
Joy: Mss., 8136
Leases and contracts, 5413
Letter to stockholders, 5414
Michigan. Auditor general's office: Communication transmitting report, 3110
Paine: History of iron rails, 5626
Military academy
Adjutant, 4772
Catalogue, 4773
College preparatory school, 4774
Michigan. State board of inspectors of the Mich. military academy: Report, 4937
———. Committee of inspection of the Mich. military academy: Report, 3294
Prospectus, 4775
——— order of the loyal legion, see Military order of the loyal legion of the U. S.
——— school, see Michigan. State military school
Militia
Michigan. Adjutant general's office: Flags, 2974
———. ——— ——— ———: Mich. in the war, 2975
———. ——— ——— ———: Record of service of Mich. volunteers, 2976
———. ——— ——— ———: Record of service, index, 2977
———. ——— ——— ———: Report, 2979
[———. ——— ——— ———]: Roster of officers, 2981
———. Laws, statutes, etc.: Militia laws, 3908
———. ———, ———, ———.: Laws for government of Mich. state troops, 3909
———. Legislature. House. Committee on the militia: Report of committee to whom was referred portion of governor's message relating to, 4185, 4186

MICHIGAN—Continued
Militia—Continued
———. ————. ———. ——— ——— — ——— ———: Report [urging adoption of bill furnished by military convention in Detroit], 4187
———. ————. ———. ——— ——— — ——— ———: Report of committee [to whom was referred petition for tax on citizens liable for military duty], 4188
———. ————. ———. ——— ——— — ——— ———: Report [relative to quantity of ordnance, muskets, etc. received from U. S.], 4189
———. ————. ———. ——— ——— — ——— ———: Report accompanying title 33 of revision, 4190
———. ————. ———. Committee on ways and means: Report relative to providing fund in aid of volunteer militia, 4270
——— volunteers of '98, 5434
Williams: Mss., 8038
See also Michigan. Inspector general's office; Michigan. Legislature. Senate. Committee on the militia; Michigan. Legislature. Senate. Committee on military affairs; Michigan. National guard; Michigan. State artillery; Michigan. State military board; Michigan (Ter.) Cavalry; Michigan (Ter.) Militia; U. S. Army; U. S. Military affairs
Mineral statistics, see Michigan. Dept. of mineral statistics
Mines and mineral resources, see Mines and mineral resources
Mining school
Michigan. Legislature: Joint report, 3951
Mortgage security society
Organic law, articles of association and by-laws, 5408
Music teachers' association
Official program, 4776
National guard
Conclusive reasons why grounds should be at Holland-Grand Rapids site, 761
Historical souvenir, Governor's guard, Co. E, 1st regiment, 4777
Innes rifles. Co. K, 2d infantry: Program, 2318
Map of Camp Devlin, 8030
Michigan. Governor: To legislature relative to establishing permanent encampment and maneuvering grounds, 3781
See also Michigan. Inspector general's office; Michigan. Militia; Michigan. Military academy; Michigan. State military board
Natural history
Michigan. Academy of science: Presidential address, 2971

MICHIGAN—Continued
Naval brigade, see Michigan. State military board
Negroes, see Negroes
Newberry state hospital
Report of building commissioners, 4778
——— of trustees, 4779
See also Michigan. Asylum for the insane: Michigan. Asylums; Michigan. Joint board of trustees of state hospitals
Normal school, see Michigan. Central state normal school; Michigan. Northern state normal school; Michigan. State normal college; Michigan. Western state normal school
Northern asylum for insane, see Michigan. Traverse City state hospital
——— Michigan, see Northern Michigan; Upper peninsula
——— Peninsula, see Upper Peninsula
——— power co.
International joint commission: In matter of application for approval of methods and plans for diversion of waters of St. Mary's River, 2322
——— ——— ———: In matter of application for approval of obstruction, diversion and use of waters of St. Mary's River, 2323
——— ——— ———: Mich. northern power co., proceedings, 2324
Opinion in application for approval of lease, 2325
——— state normal school
Dedication exercises of P. White hall of science, 4780
Summer school, 4781
Year book, 4782
Nurses' association, see Michigan. State nurses' association
Officers and employees
Michigan. Auditor general's office: Report concerning salaries of state officers, 3127
———. Dept. of state: List, 3506-3508
———. ———. ———: Mich. official directory, 3511
——— ———. ———: Report of number of masters in chancery and notaries public, 3519
———. ———. ———: Report in compliance with resolution to furnish list of persons holding office, 3520
———. Legislature: Album, 3946
———. ———. Senate. Select committee: Report of committee to whom was referred resolution to enquire whether any officers, agents or clerks can be dispensed with, 4744
Rouech: Guide to lawful fees and compensations, 6039, 6040

MICHIGAN—Continued
Officers and employees—Continued
Tibbits: Compilation of laws in relation to fees and salaries of public officers, 6538
Oil inspector, see Michigan. State inspector of illuminating oils
Ornithological club
Bulletin, 4783
Pan American exposition commission
Report, 4784
Pardon board, see Michigan. Advisory board in the matter of pardons
Patrons of husbandry, see Michigan. State grange
Penal institutions
Michigan. Governor: Special message on penal institutions, 3703
———. State board of inspectors of penal institutions: 1st biennial report, 1938
See also Michigan. Commission on penal, reformatory and charitable institutions; Michigan. Industrial school for boys; Michigan. Reformatory; Michigan. State prison
Pharmaceutical association, see Michigan. State pharmaceutical association
Pioneer and historical society
Circular, 4785
From the Mich. pioneer and historical society, greeting, 4786
General circular, 4787
Manual, 4788
Michigan. Governor: Appendix to message for report of, 3711
——— historical collections, 4789
———. Historical commission: Proceedings, 3799
[Program], 4790
"Shells of the ocean," 4791
See also Michigan. Historical commission; Michigan. Historical society; Michigan. History; names of county societies
Poets
[Lamport]: Mich. poets, 2593
——— and poetry, 5409
Political science association
Adams, M. J.: History of suffrage, 10
———, R. C.: Agriculture in Mich., 12
Cahill: President's address, 547
City government in Mich., 4792
Convention of educators and business men, 4793
Papers and addresses on primary reform, 4794
——— and discussions on municipal problems, 4795
Publications, 4796
Social problems of the farmer, 4797
Taxation, 4798
Politics and government
A. C. Baldwin, 161
Baby: Souvenirs of past, 167

MICHIGAN—Continued
Politics and government—Continued
Barnaby: Decade, story of municipal corruption, 227
Bemis: Local government, 340
Brown: Government of Mich., 457, 458
Buchanan: Speeches on bill to admit Mich., 480
Calhoun: Speeches on bill for admission, 549
Cocker: Civil government, 721-725
Cook: Mich., 806
Cooley: Mich., 811-813
Detroit news tribune: Gov. C. S. Osborn's administration, 1467
——— post and tribune: Z. Chandler, 1469
Dilla: Politics of Mich., 1511
Documents in relation to bill of admission, 1531
Forman: Government in Mich., 1734
Greusel: Story of anti-ripper candidate, 1991
Hamer: Speech [on bill to settle northern boundary of Ohio and to admit Mich.], 2024
Harris: Public life of Z. Chandler, 2062
Heineman: Legislature and local bills, 2098
Howard: Mss., 8044
Kendall: Mich., 2516, 2517
King: Government of people of Mich., 2533, 2534
Larzelere: Government of Mich., 2682, 2683
Livingstone: History of Republican party, 2754
McCarty: Territorial governors of Old Northwest, 2792
McKone: Mich. state and local government, 2839-2842
McLaughlin: Elements of civil government, 2844
Manuscripts of Lenox township, Macomb co., 8165
Mason: To people of Mich., 2916
May, C. S.: How we are governed, 2928
[——, J.]: Memorial of citizens of Indiana Territory, 2930
Michigan. Auditor general's office: Communication relative to expenses of state government, 3100
————. Convention: Journal, 3329, 3330
————. Legislature. Select joint committee: Report [of] committee to whom was referred part of governor's message which relates to admission of Mich., 4418
Millspaugh: Party organization and machinery, 5454
Morrill: Federal and state government, 5485
Nichols: Government class-book, 5543

MICHIGAN—Continued
Politics and government—Continued
Nimmo: Men of '05, 5552
Osborn: Address at Republican state convention, 5609
Ostrander: Civil government of U. S. and Mich., 5616
Pangborn: B. & O. red book for Mich., 5636
Pattengill: Civil government of Mich., 5666-5670
————: Mich. cards, 5671
Peterman: Elements of civil government, 5714
Pingree: Address before Republican club of U. of M., 5743
———: Scrapbooks, 8512
Romeyn: Mss., 8061, 8075
————: To people of Mich., 6010
Shannon: State of Dakota, how it may be formed, 6207
Sheldon: Mss., 8048
Smart: Political duties of Christian men and ministers, 6261
[Smith]: Julius Caesar Burrows, 6303
[———]: Why J. C. Burrows should be expelled from U. S. senate, 6304
State affairs, 6379, 6380
—— Republican: Legislative souvenir, 6384
U. S. 4th Cong., 1st sess.: Proceedings on admission of Tenn. so far as regards position of Mich., 6634
—. —. 24th Cong., 1st sess.: Act to establish boundary of Ohio and for admission of Mich., 6635
—. —. Congress. House. Committee on elections: Mich. election, 6651
—. —. ————. ———. Committee on the judiciary: Northern boundary of Ohio and admission of Mich., 6652
—. —. President: Message in relation to admission of Mich., 6683
Van Buren: Mich. in her pioneer politics, 6734
Vanderpoel: Speech on bill to admit Mich. into union, 6736
Williams: Mss., 8038
Woodbridge: Mss., 8051
See also Campaign literature; Democratic party; Detroit. Politics and government; Good government league, Grand Rapids; Michigan. History; Michigan (Ter.) Politics and government; Politics; Primaries; Republican party; Wayne county. Politics and government; Whig party
Pomological society, see Michigan. State horticultural society
Pontiac state hospital
By-laws, 4799
Michigan. Commissioners on location of eastern asylum for the insane: Report, 3283
Report of commissioners, 4800
——— of trustees, 4801

- MICHIGAN—Continued
  - **Pontiac state hospital—Continued**
    - See also Michigan. Asylum for the insane; Michigan. Asylums; Michigan. Joint board of trustees of state hospitals
  - Poor
    - Pauperism and crime in Mich., 5677, 5678
  - Poultry breeders' association
    - Premium list, 4802
  - Press association
    - Bulletin, 4803
    - Proceedings, 4804
    - Program, 4805
    - See also Michigan. State press association; Michigan. Woman's press association; Northwestern Michigan press association
  - —— club, see Michigan. Woman's press club
  - Prison industries, see Michigan. Board of prison industries
  - Prisons
    - Ellis: Memorial in favor of homeopathic treatment, 1596
    - See also Detroit. House of correction; Michigan. Commission on penal, reformatory and charitable institutions; Michigan. State house of correction and branch of state prison in Upper Peninsula; Michigan. State prison; Prisons
  - Psychopathic hospital, see Michigan. State psychopathic hospital
  - Public domain commission
    - Agricultural, horticultural and industrial advantages, 4806
    - Biennial report, 4807
    - Bulletin, 4808
    - Frothingham: Selling woodlot products, 1769
    - Game, fish and forest fire dept.
      - Annual forest fire report, 4816
      - Michigan. Laws, statutes, etc.: Game and fish laws, 3869
      - See also Michigan. Game, fish and forestry warden; Michigan. State board of fish commissioners
    - Joint conference of those interested in conservation and development of natural resources, 4809
    - Maxwell: Wood-using industries, 2924
    - Michigan, agricultural, horticultural and industrial advantages, 4810, 4811
    - ———. Game, fish and forestry dept.: What Mich. is doing, 3556
    - Preliminary report, 4812
    - Proceedings, 4813
    - Report on classification of state lands, 4814
    - ——— on feasibility of using pulp and chicory dryers to dry surplus potato crop, 4815
  - ——— instruction, see Michigan. Dept. of public instruction

- MICHIGAN—Continued
  - Public lands
    - Michigan. Laws, statutes, etc.: Laws relating to state land office, 3898, 3899
    - [Sibbald]: True history of fraudulent land entries within limits of Ontonagon and state line railroad grant, 6242
    - See also Land; Michigan. State land office
  - ——— school, see Michigan. State public school
  - ——— schools
    - [Map of] Free public schools [by C. S. Denison], 8032
  - ——— works
    - Woodbridge: Speech in support of bill to apply certain alternate sections towards completion of works of internal improvement, 7033
  - Publishing co.
    - Michigan poets and poetry, 5409
  - Quartermaster general's office
    - Communication, 4817
    - Michigan. Auditor general's office: Communication showing names, salaries, etc., of clerks, 3107
    - ———. Governor: Special message accompanied by reports of, 3631
    - ———. Legislature. House. Committee on the militia: Report of committee to whom was referred report of adjutant and quartermaster general, 4182, 4183
    - ———. ————. Senate. Special committee: Report of committee to whom was referred examination into expenditures, 4757
    - Report, 4818
    - ———, war with Spain, 4819
    - See also Michigan. Adjutant general's office; Michigan. Inspector general's office
  - Railroad commission
    - Annual report, 4820
    - Communication and comparative statistics, 4821
    - Official railroad map of Mich., 7352, 7359
    - Orders and opinions, 4822
    - Police regulation, 4823
    - Searl: Mich. court rules, 6196
    - Special report in regard to equal mileage rates, 4824
    - Stevens: Wanted: an impartial tribunal for trial of special proceedings against railroad cos., 6404
  - ——— commissioner
    - Map of Mich., 7317, 7319, 7321, 7322
    - Official map of Mich., 7314, 7325, 7327, 7330-7332, 7334
    - ——— railroad map of Mich., 7338, 7343, 7347
    - Railroad map of Mich., 7287, 7293, 7297, 7305, 7306, 7310, 7311

MICHIGAN—Continued

- **Railroad guide**
  - Wood: Official railway guide, 7018
- Railroads, see Railroads
- Reformatories, see Michigan. Commission on penal, reformatory and charitable institutions; Michigan. Industrial school for boys; Michigan. Reformatory; Michigan. State industrial home for girls; Michigan. State prison; Reformatories
- Reformatory
  - Biennial report, 4825
  - Michigan. Charities and corrections, 3245
  - ———. Commissioners to locate a state house of correction: Report, 3285
  - Report of commissioners to locate house of correction, 4826
  - ——— — building commissioners, 4827
  - See also Michigan. Building commissioners of the state house of corrections; Michigan. Penal institutions
- Reform school for boys, see Michigan. Industrial school for boys
- ——— ——— —— girls, see Michigan. State industrial home for girls
- Reports, see Law reports, digests, etc.; Michigan. Supreme court
- Resources
  - Kendall: Mich., 2516, 2517
  - McCracken: State of Mich., 2817
  - Michigan. State agricultural society: Three lectures, 4849
  - Northeastern Michigan realty co.: Northeastern Mich., 5559
  - Schooley: Among the Wolverines, 6185
- Revised statutes
  - Michigan. Laws, statutes, etc.: Key, 3895
- Reviser of the laws
  - Communication relative to subjects for further report to legislature, 4828
- Roads, see Roads
- Salt inspector
  - Annual report, 4829
  - Statistics relating to saline interests, 4830
- Sanitary affairs, see Michigan. State board of health
- School for the blind
  - Biennial report, 4831
  - Michigan. Central board of control of state institutions: 1st biennial report, 3243
  - ———. Commissioners to locate and establish a school for the blind: Report, 3292
  - See also Michigan. Asylum for the deaf, dumb and blind; Michigan. Asylums; Michigan. Kalamazoo state hospital; Michigan. School for the deaf

MICHIGAN—Continued

- **School for the deaf**
  - Biennial report, 4833
  - [Description], 4834
  - Michigan. Central board of control of state institutions: 1st biennial report, 3243
  - ———. Legislature. Joint committee: Report relative to asylum for deaf, dumb and blind, 4388
  - ———. ———. Senate. Committee on public instruction: Report on petition asking legislative aid for instruction of deaf and dumb, 4637
  - See also Michigan. Asylums; Michigan. Asylum for the deaf, dumb and blind; Michigan. Kalamazoo state hospital
- ——— of homeopathy and surgery
  - Michigan. Legislature. House. Committee on banks and incorporations: Report relative to appropriations, 3985
- Schoolmasters' club
  - Fortieth meeting, 4835
  - Journal, 4836
  - List of books recommended for high school classical library, 4837, 4838
  - [Program], 4839
- Schools, see Schools
- Seals, see Seals
- Secretary of state, see Michigan. Dept. of state; Michigan. Laws, statutes, etc.
- Securities commission
  - Bulletin, 4840
- Semi-centennial celebration, see Michigan. Commission for the semi-centennial celebration
- Serial digest, 5410
- Ship canal
  - Wilber: Speech advocating construction of, 6924
- Social life and customs
  - Fuller: Economic and social beginnings of Mich., 1774
  - [Kirkland]: Forest life, 2543, 2544
  - ———: New home, 2545-2549
  - ———: Our new home in West, 2550
  - ———: Western clearings, 2551, 2552
  - Ward: Autobiography, 6796
- Society of colonial wars, see Society of colonial wars
- [Society of New York]
  - Wolverines we know, 4841
- Soldiers' home
  - Biennial report, 4842
  - Michigan. Legislature. Joint committee: Testimony in investigation, 4398
- Soldiers' and sailors' association
  - Soldiers' and sailors' association: 9th annual reunion, 6329

MICHIGAN—Continued
Soldiers' relief association
Report, [illegible]
See also Michigan. State association, Washington, D. C.
Song
[Cook]: Michigan, my Michigan, 801
State agent of immigration
Michigan. Legislature. Senate. Select committee: Report on report of state agent, 4720
See also Michigan. Public domain commission
—— agricultural college, see Michigan. Agricultural college
——— ——— society
Cass: Address before, 606
Holmes: Communication relative to financial condition, 2194
List of premiums, 4844
Memorial asking for additional appropriation, 4845
——— for a state agricultural college, 4846
——— praying removal of agricultural college, 4847
——— relative to society, 4848
Michigan. Legislature. Senate. Committee on agriculture: Report of committee to whom was referred petitions for appropriation, 4434
———. State board of agriculture: General index, 4862
Three lectures, 4849
Transactions, 4850
—— artillery
Constitution, 4851
See also Michigan. Militia
—— assets, see Michigan. Board of trustees of state assets
—— association of the District of Columbia
Moses: Sons of Mich. and Mich. state association, 5492
—— ——— — farmers' clubs
Proceedings, 4852
Program, 4853
—— ——— — rural letter carriers
Constitution, 4854
—— ——— — the superintendents of the poor
Annual convention, 4856
Proceedings of annual convention, 4855
—— ——— — supervisors
Fifteenth annual session, 4857
—— ———, Washington, D. C.
[Brief history], 4858
See also Michigan. Soldiers' relief association
—— auditors, see Michigan. Board of state auditors
—— auto school
Automobile electrician's key for starting, lighting and ignition, 5419

MICHIGAN—Continued
State bank
Annual report of trustees, 5420
Communication explanatory of document no. 36, 5421
——— relative to moneys advanced public officers, 5422
——— from trustees of assets in answer to resolution of senate, 5423
Michigan. Governor: Certain communications in relation to, 3614, 3615
———. ———. Correspondence relative to judicial proceedings instituted against, 3656
———. ———: Special message, 3610
———. Legislature. House. Committee on the judiciary: Report upon legality of settlement with, 4141
———. ———. ———. Committee on Michigan state bank: Report of majority of committee to inquire into condition, 4180
———. ———. ———. ——— ——— ———: Report of committee in pursuance of act to authorize settlement, 4181
———. ———. Senate. Committee on claims: Report of committee to settle claims of state against, 4453
———. ———. ———. Committee on incorporations: Report in regard to condition, 4520
———. ———. ———. Select committee: Report of committee to investigate conduct of commissioners appointed to settle with, 4733
———. ———. ———. ——— ———: Report relative to real value of assets, 4734
———. Treasury dept.: State of Mich. in account with, 5156
Norton: Mss., 8107
Trowbridge: Mss., 8109
See also Banks and banking
—— bar association
Proceedings, 4859
Riddell: 1st judge at Detroit and his court, 5979
—— board of accountancy
Mich. C. P. A. manual, 4860
—— — — — agriculture
Annual report, 4861
General index, 4862
Mich. farmers' institutes, 4863
Michigan. Legislature. House. Select committee: Report of committee appointed to consider resolution in relation to, 4292
———. ———. Senate. Committee on agriculture: Report relative to establishing, 4435
Proceedings of forestry convention in Grand Rapids, 5876

MICHIGAN—Continued
[State board of centennial managers]
Catalogue of products, 4864
Report, 4865
——— ——— — corrections and charities
Biennial report, 4866
Charities and corrections, 4867
Library catalogue, 4868
Michigan. Charities and corrections, 3245
— ———. Governor: Appendix to message, 3711
————. Laws, statutes, etc.: Laws relating to, 3849
Proceedings of annual convention, 4869
Special report, 4870
See also Michigan. Charities and corrections
——— ——— — dental examiners
Annual report, 4871
——— ——— — education
Biennial report, 4872
Catalogue of library of normal school, 4873
Memorial [relative to location of normal school], 4874
———— containing statement of operation, condition and fiscal necessities of normal school, 4875
———— relative to township and district school libraries, 4876
———— upon agricultural college, 4877
See also Michigan. Board of education
——— ——— — equalization
Proceedings, 4878
——— ——— — examiners in optometry
Annual report, 4879
——— ——— — fish commissioners
Biennial report, 4880
Bulletin, 4881
Jennings: List of rotatoria of Great Lakes, 2400
Marsh: On cyclopidae and calanidae of Lake St. Clair, 2896
Minute upon death of O. M. Chase, G. W. Armstrong and C. H. Brownell, 4882
Pieters: Plants of Lake St. Clair, 5739
Questions and answers relative to carp, 4883
Reighard: Biological examination of Lake St. Clair, 5943
————: Breeding habits, 5944
Ward: Biological examination of Lake Mich., 6799
See also Michigan. Game, fish and forestry warden; Michigan. Public Domain commission. Game, fish and forest fire dept.
——— ——— — health
Advice for restriction and prevention of meningitis, 4884
Annual report, 4885
Circular, 4886
Communicable diseases, 4887

MICHIGAN—Continued
State board of health—Continued
Contributions to study of cause of typhoid fever, 4888
———— — ——— — spread of diphtheria, 4889
Dangerous communicable diseases, 4890-4892
Diseases, 4893
Engineering bulletin, 4894
Examination of plans for public buildings, 4895
General plan of work, 4896
Great white plague, 4897
Immigrant-inspection service, 4898
Kedzie: Work of, 2487
MacClure: State board of health, 2854
Memorial concerning illuminating oils, 4899
Michigan. Dept. of state. Division of vital statistics: Monthly bulletin, 3528
————, a summer and health resort state, 4900
Model diet tables, 4901
Opinions relative to duties and compensation of health officer, 4902
Outline of work, 4903
Parker: Coroners and coroners' inquests, 5642
Petition for abatement of alleged nuisance, 4904
Prevention and restriction of cholera, 4905, 4906
———— —— ———— — smallpox, 4907
———— of typhoid fever, 4908
Principal meteorological conditions, 4909
Proceedings and addresses of general conference, 4910
———— —— ———— — sanitary convention, 4911
———— of quarter-centennial celebration, 4912
Protection of life from dangerous illuminating oils, 4913
Public health, 4914
Quarter-century of public-health literature, 4915
Ranney: Health service of a state, 5919
Registration of physicians, 4916
Regulations for examinations in sanitary science, 4917
Relative to diseases, 4918
———— to erysipelas and puerperal fever, 4919
———— — exhibit at Columbian exposition, 4920
———— — notices of diseases which endanger public health, 4921
———— — scarlet fever, 4922
Report of tuberculosis survey, 4923
Restriction and prevention of diphtheria, 4924-4927

MICHIGAN—Continued
State board of health—Continued
—————— —— —————— — scarlet fever, 4928, 4929
Special reports relative to communicable and preventable diseases, 4930
———— ———— of 3 outbreaks of diphtheria, 4931
Statement of facts concerning cases of typhoid fever, 4932
Teachers' sanitary bulletin, 4933
Typhoid fever, 4934
Water-supply of localities, 4935
Weekly reports of diseases, 4936
See also Clark, A. A.
—— —— — inspectors of the Michigan military academy
Report, 4937
—— —— —— penal institutions
First biennial report, 4938
—— —— — law examiners
Statute rules and regulations governing examination of applicants for admission to bar, 4939
—— —— — library commissioners
Annotated list of reference books, 4940
Annual report, 4941
Books for libraries, 4942
Catalgoue of books for popular library, 4943
How to start free public library, 4944, 4945
Koch: Library assistant's manual, 2571
Legislative history of township libraries, 4946
List of books for school libraires, 4947
Michigan libraries, 5406
———— summer school for library training, 4948
Poems arranged by grades, 4949, 4950
State aid to libraries, 4951
Statistics of township and district libraries, 4952
Walter: Care of school libraries, 6795
See also Michigan. Library association; Michigan. State library
—— —— — registration in medicine
Few facts concerning history of, 1694
Rules and regulations relating to standard of preliminary and medical education, 4953
—— building commissioners, see Michigan. Board of state building commissioners
—— buildings, see Michigan. Acting commissioner on state buildings
—— canvassers, see Michigan. Board of state canvassers
—— capital, see Michigan. Board of state building commissioners; Michigan. Capital and capitol
—— constitutions, see Michigan. Constitutions

MICHIGAN—Continued
State commission on industrial and agricultural education
Report, 1954
—— court of mediation and arbitration
Report, 4955, 4956
—— dept., see Michigan. Dept. of state
—— eclectic medical and surgical society
Memorial, 4957
Transactions, 4958
—— fair
Emmons: Mss., 8075, 8076, 8078
Premium list, 4959
Siegel's official illustrated map and guide, 8033
—— federation of women's clubs
Corresponding secretary's report, 4960
Directory, 4961
Hand book of outlines, 4962
[Jones]: Address of president, 2423
Manual, 4963
Michigan club bulletin, 4964
[Program of] annual convention, 4965
Report, 4966
Year book, 4967
—— finances, see Michigan. Finance
—— fire marshal
Annual report, 4968
Regulations, 4969
—— firemen's association
Proceedings, 4970
—— funds
Michigan. Legislature. House. Committee on state funds: Report, 4081
—— game, fish and forestry warden, see Michigan. Game, fish and forestry warden
—— gazetteer
Chapin: Mich. state gazetteer and business directory, 645
State gazetteer and business directory, 5424
—— good roads association
Map of Dixie highway, 8004
Ninth annual convention, 4971
—— grange
Annual meeting, 4972
Constitution and declaration of purposes, 4973
Lecturer's bulletin, 4974
———— year handbook, 4975
———— handbook, 4976
———— report, 4977
Patrons of husbandry granges of Mich. with names and addresses, 4978
Proceedings, 4979
Stockman: Coming of Happy Valley grange to Hard Scrabble Hollow, 6413
Treasurer's financial report, 4980
—— highway committee
Report, 4981
—— horticultural society
Annual report, 4982
Catalogue of fruits, 4983
Lyon: History of Mich. horticulture, 2783

MICHIGAN—Continued
State horticultural society—Continued
Wheeler: Catalogue of phaenogamous and vascular cryptogamous plants, 6884
——— house of correction, see Michigan. Building commissioners of the state house of correction; Michigan. Commissioners to locate a state house of correction; Michigan. Reformatory
——— ——— and branch of state prison in Upper Peninsula
Biennial report of board of control, 4984
Michigan. Legislature. House. Committee on state affairs: Report of committee to whom was referred bill to locate branch of state prison in Upper Peninsula, 4236
Report of board of commissioners, 4985
——— industrial home for girls
Biennial report, 4986
Charges of senate finance committee on industrial home, 4987
Michigan. Legislature. House. Committee on education: Report relative to establishing reform school for girls, 4027
——— inspector of illuminating oils
Michigan. Laws, statutes, etc.: Act creating inspection of illuminating oils, 3917
Report, 4988
——— institutions
Bliss: Mich. and her public institutions, 387
Michigan. Auditor general's office: Hints and suggestions relative to keeping accounts at state institutions, 3123
———. ——— ——— ———: Summary showing financial condition of state institutions, boards and commissions, 3152
———. Governor: Statement showing articles purchased and average cost of each, 3773
——— land office
Annual report, 4989
Communication from commissioner, 4990
——— ——— in accordance with resolution relative to money paid contractor on canal around rapids of Grand River, 4991
——— ——— giving statement of lands appropriated, 4992
——— ——— relative to appraisals and sale of F. Mill property, 4993
——— ——— reporting amount of unappropriated internal improvement land on hand, 4994
——— ——— transmitting statement of state lands trespassed upon during 2 years prior to 1861, 4995
——— ——— relating to swamp lands, 4996

MICHIGAN—Continued
State land office—Continued
——— ——— transmitting statement of receipts from sales of swamp lands, 4997
——— ——— giving statement of number of descriptions of legal subdivisions of unsold swamp lands, 4998
——— ——— relative to sales of university lands, 4999
——— ——— ——— to swamp land state roads, 5000
Edmonds: Journal of senate as court of impeachment, 1575
List of internal improvement lands unsold and not by law withheld from sale, 5001
Map showing location of roads [etc.] built by state, 8017, 8018
Michigan. Auditor general's office: Communication showing names, salaries, etc. of clerks, 3107
———. ——— ——— ———: Communication relative to names, salaries, etc. of clerks, 3120
———. Laws, statutes, etc.: Laws relating to, 3898, 3899
———. Legislature. Senate. Committee on public lands: Report of committee to which was referred so much of governor's message as relates to lands belonging to state, with report of commissioner of land office, 4580
———. ———. ———. ——— ——— ——— ———: Report of committee to whom were referred petition for removal of land office from Marshall to Grand Rapids, 4591
[———. ———. ———: Reply to resolution requesting reason in favor of abolishing office of commissioner or in favor of removing office from Marshall to state capitol], 4426
———. University. Board of regents. Executive committee: Petition asking law requiring commissioner to report sale of university lands, 5248
[Report in compliance with request for information about amount of each appropriation of lands for internal improvement out of 500,000 acre tract], 5002
——— on tax homestead lands, 5003
——— of survey of St. Clair flats, 5004
[Statement of number of university and school lands sold], 5005
——— library
American flag, 5006, 5007
[Bibliography], 5008
Biographical sketches of American artists, 5009-5012
Bulletin, 5013
Catalogue, 5014-5030

MICHIGAN—Continued
State library—Continued
Communication [relative to books missing], 5031
——— ——— to condition of state library], 5032
——— [——— ——— manner in which money for enlargement of library has been expended], 5033
——— in regard to, 5034
Finding list of works on genealogy and local history, 5035, 5036
First selection of 500 children's books, 5037
Graded school libraries, 5038
[History of traveling library movement], 5039
Law dept.
Accessions, 5051
Catalogue, 5052
Legislative reference dept.
Amendment of state constitutions, 5053
Bulletin, 5054
Digest of laws relating to motor vehicles, 5055
[Documents compiled for committee on printing of constitutional convention of 1907], 5056
Laws relating to minimum wage for women and minors, 5057
——— ——— — presidential primaries, 5058
——— ——— — vagrancy, 5059, 5060
——— ——— — women, 5061
Legislative circular, 5062
——— reference list. Employers' liability, 5063
Local legislation, 5064
Local, special and private legislation, 5065
Public lands and forest protection, 5066
Libraries, 5040
List of duplicates for sale or exchange, 5041
—— — periodicals in general dept., 5042
Michigan artists, 5043
[———. Auditor general's office]: Statement of amounts expended for enlargement, 3148
[———. Dept. of public instruction]: Preferred list of books, 3416-3418
———. Dept. of state: Annual report, 3469, 3470
———. Legislature. House. Committee on the state library: Report [on bill for better and more efficient management], 4176
Outline of study for use of clubs, 5044
Power: First selection of 500 children's books, 5859
Preferred list of pictures for children and young people, 5045

MICHIGAN—Continued
State library—Continued
Quarterly bulletin, 5046
Report of state librarian, 5047
——— [transmitting statement of manner in which money appropriated for enlargement of library has been expended], 5048
Study clubs, 5049
Traveling libraries, 5050
See also Michigan. State board of library commissioners
—— medical society
Connor: Mich. medical society, 773
Journal, 5067
Michigan. Legislature. Senate. Select committee: Report of committee to whom was referred petition of officers and members, 4743
President's address, 5068
Ranney: President's annual address, 5922
Report, 5069
Transactions, 5070
—— military board
Camp, garrison, guard and other duties, 5071
Laws, rules and regulations, 5072
Memorial, 5073
Michigan. Governor: Messages, 3756
Proposed permanent National guard encampment at Grayling, 5074
Regulations for National guard, 5075
Report, 5076
Willcox: Instruction in field artillery, 6933
——— school
Michigan. Legislature. House. Committee on the judiciary: Report of committee to whom was referred resolution to inquire into constitutional objections to issue of state bonds for, 4142
—— normal college
Aurora, 5077
Conservatory of music
Outline of courses, 5081
Dept. of physical education
Suggestions for physical training, 5082
Gregory: Relation of normal school to school systems, 1988
Library
Public school libraries, 5083
Mayhew: Reports of superintendent of public instruction, 2933
Michigan. Board of education: Report in pursuance of act to establish, 3171
———. Dept. of public instruction: Communication [relative to act permitting counties to send students], 3366
———. State board of education: Catalogue of library, 4873

MICHIGAN—Continued

State normal college—Continued

——. —— —— — ———: Memorial [relative to location], 4874

——. —— —— — ———: Memorial containing statement of operation, condition and fiscal necessities, 4875

Proceedings of anniversary day exercises, 5078

Putnam: History, 5899

Summer school [catalogue], 5079

Training school dept.

Suggestive outlines of courses of study, 5084

Western journal of education, 6870

Year book, 5080

—— —— schools, see Michigan. Central state normal school; Michigan. Northern state normal school; Michigan. State normal college; Michigan. Western state normal school

—— nurses' association

Proceedings of annual convention, 5085

—— offices

Michigan. Legislature. House. Committee on abolishing certain state offices: Report, 4194

—— pharmaceutical association

Proceedings of annual meeting, 5086

—— press association

Lowrey: Mich. state press association, 2775

23d annual conclave and royal outing, 5087

—— printer

Michigan. Attorney general's office: Report in relation to legality of certain payments, 3078

———. Auditor general's office: Report concerning disbursement of certain moneys to, 3128

[———. —— ——— ——?]: Statement showing amounts paid, 3151

Munger: Memorial relative to appointment of state journal as state printer, 5505

—— printing

Michigan. Board of state auditors: Contract prices for printing and binding, 3219

———. Legislature. Senate. Committee on finance: Report on bill relative to, 4496

See also Michigan. Legislature. House. Committee on printing; Michigan. Legislature. Senate. Committee on printing

—— prison

Affidavits and reports of inspectors, 5088

Bates: [Memorial relative to expenditures], 238

Catalogue of library, 5089

Communication from agent, 5090

MICHIGAN—Continued

State prison—Continued

Lathrop: [Memorial relative to contract for convict labor], 2688

Michigan. Auditor general's office: Communication relative to settlement with agent of, 3105

———. —— ——— ———: Communication transmitting report relative to amount of cash received and expended, 3109

[———. ——— ——— ———: Report relative to articles furnished], 3143

———. Charities and corrections, 3245

———. Commissioners on the state penitentiary: Report on location of same, 3290

———. Governor: Message of Gov. Warner relative to establishment of binder twine plant, 3766

———. Legislature. House. Committee on the accounts of B. Porter: Report of committee to investigate accounts, 4196

———. ———. ———. Committee on ways and means: Report relative to appropriations for removing wall and building work shops, 4272

———. ———. ———. Select committee: Report of committee to investigate accounts of B. Porter, commissioner, 4341

———. ———. ———. ——— ———: Report of committee to inquire into appropriation for building, 4342

———. ———. Joint committee: Report of committee to examine condition of, 4402

———. ———. —— —— ——: Report of committee to whom was referred so much of governors' messages as relates to, 4403

———. ———. —— —— ——: Joint report of committee [to whom was referred report of committee of inspection], 4404

———. ———. —— —— ——: Report of committee [to visit prison], 4405

———. ———. —— —— ——: Report of committee [to whom was referred resolution of instruction on], 4406

———. ———. —— —— ——: Testimony in investigation touching administration of affairs, 4407

———. ———. Senate. Investigating committee: Report of committee to audit and settle accounts, 4698

MICHIGAN—Continued
State prison—Continued
Pauperism and crime in Mich., 5677, 5678
Rebuilding men, 5091
Report of agent, 5092
——— — board of control, 5093
——— — commissioner, 5094
——— [on condition], 5095
——— [in obedience to resolution to investigate financial condition, management and other matters], 5096
Rules for government and discipline, 5097
Souvenir booklet, 5098
Trip through prison, 5099
See also Michigan. Legislature. House. Committee on the state prison; Michigan. Legislature. Senate. Committee on the state prison; Michigan. Penal institutions; Michigan. State house of correction and branch of state prison in Upper Peninsula
—— psychopathic hospital
Biennial report, 5100
See also Michigan. Joint board of trustees of state hospitals
—— public school
Biennial report, 5101
Boys and girls of, 5102
Laws relating to establishment and government, 5103
Michigan. Central board of control of state institutions: 1st biennial report, 3243
————. Charities and corrections, 3245
Pauperism and crime in Mich., 5678
Randall: Ecole de l'état de Mich., 5913
Report to Paris exposition, 5104
—— reform school, see Michigan. Industrial school for boys; Michigan. State industrial home for girls
—— salt inspector, see Michigan. Salt inspector
—— sanatorium for the treatment of tuberculosis
Biennial report, 5105
—— summer encampment
National chautauqua association: Michigan state summer encampment, 5527
—— swamp land commissioner
Report, 5106
—— tax association
Heineman: Michigan's need of budget system, 2099
Proceedings, 5107
Tax bulletin, 5108
See also Michigan. Board of state tax commissioners; Michigan. State association of supervisors
—— —— statistician
First annual report, 5109

MICHIGAN—Continued
State teachers' association
Committee on educational investigations
Study of retardation, acceleration, elimination and repetition, 5114
Executive committee. Physical training section
Physical training for city schools, 5115, 5116
Memorial asking appropriation to furnish 3 copies of Mich. school journal to district libraries, 5110
———— ——— portion of proceeds from swamp lands to colleges and academies, 5111
Michigan journal of education, 5405
————. Legislature. House. Committee on education: Report on memorial of, 4033
———— teacher, 5425
Official program, 5112
Putnam: Sketch of history, 5901
Transactions, 5113
—— telephone co.
Burch: Telephone rates in Detroit, 494
—— treasury, see Michigan. Treasury dept.
—— troops, see Michigan. Militia
—— union Sunday school association
Proceedings of annual convention, 5117
—— veterinary board. Stallion registration division
Report, 5118
—— —— — medical association
Proceedings, 5119
Statistics
Edwards: Historical, statistical and commercial review of Mich., 1579
Bramhall: Facts and figures about Mich., 429-431
Michigan. Dept. of state: Statistical report, 3525, 3526
Statistical sketch of Mich., 6385
Statistics compiled from census of 1850, 6386
U. S. Bureau of the census: 13th census, with supplement for Mich., 6625
—. —. ——— — —— ———: 13th census, statistics for Mich., 6626
See also Michigan. Census; Statistics
————, vital
Baker: Report on death-rate of each sex in Mich., 195
———: Report on methods of collecting, 196
Delamarter: Distribution of deaths from diphtheria, 941
Michigan. Dept. of state: Annual report on registration of births and deaths, 3471
————. ———. — ———. Division of vital statistics: Monthly bulletin, 3528

MICHIGAN—Continued
  Statistics, vital—Continued
    ————. Laws, statutes, etc.: Laws relating to registration of births, deaths, marriages, 3835
    ————. Legislature. House. Committee on state affairs: Report in favor of law for registration of marriages, births and deaths, 4233
    ————. ————. ——. ——— ——— ——— ———: Report on memorial of Northeastern medical society for law for registration of births, marriages and deaths, 4234
    Wilbur: Collection and registration, 6925
  Sunday school association, see Michigan. State Union Sunday school association
  Superintendent and collector of the St. Mary's Falls ship canal
    Annual report, 5120
  Supervisors, see Supervisors
  Supreme court
    Abstract of decisions rendered at Jan. term 1875, 5121
    Baker: State of Michigan, Supreme court, S. Baldwin vs. F. A. Baker, 190
    Campbell: Index digest of decisions, 563
    Chaney: Digest of decisions, 636-639
    ———: Supreme court of Mich., 641
    Citator, 677
    Colt: Payment of taxes under protest, 747
    Communication [in compliance with resolution asking opinion relative to conferring jurisdiction in certain causes on county and circuit courts], 5122
    Cooley, E. A.: Digest of Mich. reports, 807
    [———, T. M.]: Digest of reported cases, 808
    Crockett: Digest of decisions, 862
    Detroit. Bar: Memorial relative to payment of expenses of judges, 972
    Douglass: Reports, 1539
    Drake's Mich. digest, 1548
    Exercises in memory of J. V. Campbell, 5123
    Jacobs: Digest of decisions, 2375-2377
    McGrath: Mandamus cases decided in Supreme court, 2833
    May: State of Mich. Supreme court, Mary May vs. city of Grand Rapids, 2931
    Michigan. Courts: Report of reporter, 3331
    ————. ———: Rules, 3332-3342
    ———— digest, 5394, 5395
    ————. Industrial accident board: Workmen's compensation cases, 3814
    ————. Laws, statutes, etc.: Dairy and food laws, 3850

MICHIGAN—Continued
  Supreme court—Continued
    ————. ———, ———, ———.: Howell's annotated statutes, 3877
    ————. Legislature. House. Committee on the judiciary: Report upon part of governor's message relating to opinions of Supreme court, 4147
    ———— reports, 5124
    ———— serial digest, 5410
    Practice reports, 5125
    Salem. Township board: Opinions in people ex rel. Detroit and Howell railroad vs. Township board of Salem, 6133
    Salsbury: People vs. L. K. Salsbury, 6135
    Shepard's Mich. citations, 6229
    Stevens: Treatise on practice in actions at law, 6402
    Talbot: Table of cases, 6495
    See also Michigan. Courts; Michigan (Ter.) Supreme court
  Surveys
    Russell: Topographical survey, 6053
  Swamp land commissioner, see Michigan. State swamp land commissioner
  ——— ——— roads, see Michigan. Board of control of state swamp land roads
  Tax association, see Michigan. State tax association
  —— statistician, see Michigan. State tax statistician
  Teacher, 5425
  Teachers' association, see Michigan. State teachers' association
  ———— directory, 5426
  Technic, 5427
  Township officers' guide, see Michigan. Dept. of state
  Traverse City state hospital
    Clarke: Memoirs of asylum life, 706
    Ellis: Memorial in favor of homeopathic treatment, 1596
    Report of commissioners, 5126
    ——— — trustees, 5127
    See also Michigan. Asylum for the insane; Michigan. Asylums; Michigan. Joint board of trustees of state hospitals
  Treasury dept.
    Communication relative to banks, 5128
    ———————— ——— — amount of tax paid by banks, 5129
    ———————— [——— — claim of G. Davies], 5130
    ———————— ——— — Farmers' and mechanics bank, 5131
    ———————— concerning future payments of five million loan, 5132
    ———————— in relation to bonds issued by fund commissioners, 5133
    [———————— presenting statement of amount of funds received and disbursed], 5134

MICHIGAN—Continued
Treasury dept.—Continued
——————— relative to amount and kind of funds received for state bonds, 5135
——————— transmitting reports of superintendent of St. Mary's Falls canal, 5136, 5137
——————— relative to distribution of school moneys, 5138
——————— [in compliance with resolution relative to payment of money due from Southern railroad], 5139
——————— relative to negotiation and sale of state bonds, 5140
[——————— transmitting receipts and expenditures], 5141
——————— relative to payment of salary to governor, 5142
——————— exhibiting state of, 5143
——————— giving names, salaries, etc. of clerks, 5144
——————— accompanying report, 5145
——————— in relation to weights and measures, 5146, 5147
Documents relative to disbursements of certain moneys, 5148
——— ——— — loan to Palmyra and Jacksonburgh railroad co., 5149
Michigan. Auditor general's office: Communication containing statement of funds in treasury, 3092
———. ——— ——— ———: Communication showing names, salaries, etc. of clerks, 3107
[———. ——— ——— ———: Communication transmitting statement of receipts and expenditures since last report], 3119
———. ——— ——— ———: Report relative to replenishing, 3139
———. Legislature. House. Committee on banks: Report relative to moneys to be received, 3983
———. ———. ———. Committee on ways and means: Report relative to construction of building for, 4285
———. ———. Joint committee: Report of committee to investigate, 4414
———. ———. Senate. Committee on finance: Report on reference of report, 4469
———. ———. ———. ——— ——— — ———: Report [on examination of accounts on books of], 4470
———. ———. ———. ——— ——— — ———: Report of committee to whom were referred part of governor's message relating to finances, together with report of state treasurer, 4480, 4481
———. ———. ———. ——— ——— — ———: Report [relative to condition of], 4483
Report of treasurer, 5150
——— in answer to preamble and resolution, 5151
——— ——— compliance with resolution of house, 5152
——— — relation to payment of certain moneys, 5153
——— ——— laws, 5154
[-——— relative to weights and measures], 5515
State of Mich. in account with Mich. state bank, 5156
Statement of funds on hand, 5157
[——— — moneys paid for maintaining supremacy of laws], 5158
Trust co.
Assignees and receivers, 5428
Laws relating to descent and distribution of property, 5429
Tuberculosis sanatorium, see Michigan. State sanatorium for the treatment of tuberculosis
Union, see Michigan. University
Union college
Catalogue, 5430
University
Adams: Historical sketch of, 8
———: University of Mich., 9
Addresses in honor of President Angell, 5159
Alpha delta phi
Chapin: [Autographs], 8292
Alumni association
Mich. alumnus, 5361, 5362
U. of M. news-letter, 6715
Angell: Reminiscences, 92
———: U. of M.; commemorative oration at semi-centennial, 93
Ann Arbor art association: Exhibition, 97
Answer and review of report of faculty and committee of regents, 5160
Architecture dept., see Michigan. University. Colleges of engineering and architecture
Argonaut, 152
Art and archaeology, see Michigan. University. Gallery of art and archaeology
Athletics
U. of M. athletic annual, 6709
Barber: Memorial relative to recent proceedings of board of regents and faculty, 218
[Bates]: Mich. union, 240
Becker: Memorial in regard to late difficulties in, 325
Berry: Obstacles to higher education in, 354

MICHIGAN—Continued
University—Continued
Black fly, 380
Board of regents
Communication [relative to plan for university], 5225
——— ——— [——— — amendments to act providing for government], 5226
Executive committee
Communication [in accordance with resolution requesting opinion of whether interest will be promoted by reduction of price of university lands], 5246
[Letter from J. Kearsley to Gov. Felch], 5247
Petition asking law requiring land office to report sale of university lands, 5248
[Explanation of appropriations], 5228
Medical dept. and hospital, 5229
Memoir embracing epitome of transactions, 5230
Memorial, 5231
——— to senate and house, 5232-5234
——— relating to debt, 5235
——— asking payment to university fund of certain interest moneys, 5236
——— praying for relief, 5237
Michigan. Governor: Message in behalf of regents, 3595
———. Legislature. Senate. Committee on literature: Report of committee to whom was referred resolution instructing enquiry into propriety of allowing regents traveling expenses, 4596
———. ———. ———. Committee on public instruction: Report of committee to whom was referred resolution instructing board to procure publication of journal of their doings, 4645
———. ———. ———. ——— — ——— ———: Report of committee to whom was referred resolution of enquiry to expediency of providing by law for publishing journal of board, 4646
———. ———. ———. ——— — ——— ———: Report in relation to remonstrance of regents, 4647
Petition, 5238
Proceedings, 5239
Remonstrance against passage of bill to repeal act relating to interest fund, 5240
Report [in obedience to resolution requiring board to report on necessary changes in organic law], 5241

MICHIGAN—Continued
University—Continued
——— of committee to investigate recent difficulties at university, 5242
——— — ——— on professorships, 5243
——— — ——— on collection of state geologist, 5244
Statement of secretary in reply to resolution of senate, 5245
University question; nature of government, 6717
Burton: Diary of Detroit, 8271
Campbell: Memorial discourse on the life and services of Rev. G. P. Williams, 570
Campus guide book, 5161
——— news notes, 574
Castalian, 614
Catalogue of academic senate, 5162
——— of corporation officers and students in medicine, arts and science, 5163
——— — officers and students of Romeo branch, 5164
——— — university, 5165
Catalogue, general, see Michigan. University: General catalogue
[Cheever]: Stories and amusing incidents, 659
Chemical laboratory
Campbell: History, 564
Chronicle, 676
Class of 1858
Class of "fifty-eight," 5249
——— — 1859
Class of "fifty-nine," 5250
——— — 1861
Utley: Class of sixty-one, 6731
——— — 1869
U. of M. class of sixty-nine, 5251
——— — 1870
History of class, 5252, 5253
——— — 1873
Record, 5254
——— — 1875
Record, 5255
——— — 1893
Vigintennial reunion, 5256
Clinical society
Transactions, 5257
Code of laws, 5166, 5167
——— — rules, 5168
Collection of 'varsity verse, 5169
College of dental surgery
Annual announcement, 5258
——— — engineering
Mechanical dept.
Drawing standards and conventions, 5262
Proceedings of short course highway engineering, 5259
Special announcement, 5260
Specifications, descriptive geometry drawing, 5261

MICHIGAN—Continued
  University—Continued
    College of engineering and architecture
      General announcement, 5263
      Special announcement, 5264
    College of literature, science and the arts
      Announcement, 5265
      ———— of courses in higher commercial education, 5266
      ———— of courses in landscape design, 5267
      ———— of work in forestry, 5268
      Botanical dept.
        Field studies in botany, 5273
      Courses in business administration, 5269
      List of accredited schools, 5270
      Order of examinations for higher degrees, 5271
      School of political science
        Annual announcement, 5274
      Summer session, 5272
    ——— — pharmacy
      Announcement, 5275
      Index to contributions of original work done by alumni, 5276
      Register of alumni, 5277
    Commencement annual, 5170
    Commencement
      Quarles: Old and the new, 5903
    Conference question, 5171
    Constitutional provisions, laws and by-laws, 5172, 5173
    Coolidge: Relation of higher education to state, 817
    Curriculum
      Hinsdale: General introduction to courses in teaching, 2127
      ———: Theoretical and critical and practical courses in teaching, 2133
      Michigan. University. College of literature, science and the arts: Courses in business administration, 5269
      ———. ————. Library: Course in library methods, 5294
      ———. ————: List of students in science and art of teaching, 5193
      ———. ————: Suggested programs of study in business administration, 5214
      ———. ————: University training for newspaper work, 5219
      See also under names of departments
    Death notices, 5174-5176
    Defalcation in chemical laboratory, 5227
    Dental college, see Michigan. University. College of dental surgery
    Dept. of dentistry, see Michigan. University. College of dental surgery
    ——. — engineering, see Michigan. University. College of engineering
    ——. — law, see Michigan. University. Law school
    ——. — literature, science and the arts, see Michigan. University. College of literature, science and the arts
    ——. — medicine and surgery, see Michigan. University. Medical school
    ——. — pharmacy, see Michigan. University. College of pharmacy
    Detroit observatory
      Estes: Latitude of Detroit observatory, 1613
      Publications, 5278
      Report of director, 5279
    Directories
      Michigan. University: Directory of faculties and officers, 5177
      ———. ————: General directory, 5187
      ———. ————: Official student directory, 5203
      Polk & co.: Students' directory, 5789
    D'Ooge: President Angell's quarter-centennial, 1537
    Electro-therapeutical laboratory
      Bulletin, 5280
    Engineering dept., see Michigan. University. College of engineering
    ———— society
      Constitution and by-laws, 5281
      Michigan technic, 5427
      Selected papers, 5282
      The technic, 6510
    Entrance requirements
      Payne: Relation between university and high schools, 5684
    [Examination questions], 5178
    Exercises at inauguration of President Angell, 5179
    ———— at unveiling monument in memory of H. S. Frieze, 5180
    Extension service, 5181
    Faculty
      Michigan. Legislature. House. Select committee: Report of committee to inquire concerning character of report alleged to have been made by faculty, 4360
      Michigan. University: Directory of faculty and officers, 5177
    Farrand: History of U. of M., 1671
    Fine arts dept.
      Bradish: Remarks on fine arts dept., 425
    Football
      Wagner & co.: Mich. on gridiron, 6778
    Ford: Memorial discourse on A. B. Palmer, 1725

MICHIGAN—Continued
University—Continued
Frieze: Memorial discourse on Rev. H. P. Tappan, 1767
———: Relations of state university to religion, 1768
Funds
Michigan. Legislature. House. Committee on education: Report of committee to whom was referred special message, 4028
———. ————. ———. ————— — —————: Report [relative to petition for adding university fund to common school fund], 4036
Gallery of art and archaeology
Catalogue, 5283, 5284
Descriptive catalogue, 5285
Gargoyle, 1787
General catalogue, 5182-5186
——— directory, 5187
Geological, mineralogical, zoological and botanical dept.
[Michigan. University. Board of regents. Executive committee]: [Letter from J. Kearsley], 5247
Good songs, 5188
Graduate school
Annual announcement, 5286
Michigan. University: Report on requirements for doctors' degrees, 5210
Harris hall
Check stub-books, 8470
Haven: Autobiography, 2087
Hinsdale: History of U. of M., 2128
[———]: Spirit and ideals of U. of M., 2132
———: Theoretical and critical and practical courses in teaching, 2133
———: U. of M. as constitutional institution, 2135
Histories
Adams: Historical sketch of, 8
Farrand: History of, 1671
Hinsdale: History of, 2128
Ten Brook: Amer. state universities, 6513
Homoeopathic medical school
Annual announcement, 5287
Joy: Protest against passage of act for organization of homeopathic branch, 2428
Michigan. Legislature. House. Committee on education: Report relative to erection of chair of homeopathy, 4037
———. ————. ———. Select committee: Report relative to establishing homeopathic dept. in U. of M., 4358
———. ————. Senate. Committee on education: Report relative to establishment of chair of homeopathy, 4461

MICHIGAN—Continued
University—Continued
———. ————. ———. Committee on the judiciary: Report relative to bill to provide for homeopathic branch, 4575
———. ————. ———. Committee on public instruction: Report relative to bill to provide for organization of homeopathic branch, 4644
———. University. Senate: Memorial relative to establishing chair of homeopathy, 5315
[Palmer: Statement of relation of faculty in dept. of medicine and surgery to faculty in homoeopathic college], 5629
Souvenir, 5288
Thayer: Memorial on subject of establishing chair of homoeopathy in medical dept., 6518
Treadwell: Petition for chair of homoeopathy, 6582
University homeopathic observer, 6708
See also Michigan. University. Medical school; Michigan. University. University homoeopathic hospital
Hospitals, see Michigan. University. University homoeopathic hospital; Michigan. University. University hospital
Inlander, 2295
Interest fund
[Michigan. Auditor general's office]: Statement of account with, 3146
Junior hop souvenir, 5189
Laboratories, see Michigan. University. Electro-therapeutical laboratory; Michigan. University. Pathological laboratory; Michigan. University. Physical laboratory
Laboratory manual
Huber: Directions for work in histological laboratory, 2253, 2254
Law congress
Tappan: Message to law congress of U. of M., 6501
—— school
Annual announcement, 5289
Graduates of law dept., 5290
Lecture course on international law, 8471
Michigan. University: To wit, dept. of law, 5217
Res gestae, 5291
Summer session, 5292
Laws, ordinances, by-laws, 5190
Laying corner-stone of new medical building, 5191
Library
Bourland: Walter library, 408
Catalogue, 5293
Course in library methods, 5294

MICHIGAN—Continued
University—Continued
Dock: Medical library, 1530
Hegner: Periodical literature and publications of learned societies of interest to zoologists, 2096
Koch: Enlargement needed, 2568
[——]: Four needs, 2569
——: Handbook of libraries, U. of M., 2570
[——]: [illegible], 2573
Library staff manual, 5295-5297
Public exercises on completion of library building, 5298
U. of M. library, 5299
Library committee
Memorial [in compliance with resolution requesting memorial setting forth necessity of library building], 5300
List of periodicals on file, 5192
—— — students who have pursued courses in science and art of teaching, 5193
Literature, science and arts dept., see Michigan. University. College of literature, science and the arts
Lodge: Petition in regard to granting university an appropriation, 2756
Lovell: U. of M. calendar, 2772
[MaCracken]: Protest against sectarianism, 2815
————: Religion in university, 2816
Maps
Map of Ann Arbor, by H. P. Gould, 7610
—— — —— ——, by Wickes bros., 7611
See also Ann Arbor. Maps
Marshall: Guide to special and test diets in university hospital, 2904
Mayhew: Reports of superintendent of public instruction, 2933
May festival, see Michigan. University. University musical society
Medical library
Warthin: Peter White gift, 6808
——— school
Allen: Introductory address to college of medicine and surgery, 54
Catalogue, 5301
Contributions to medical research, 778
Historical sketch, 5302
Memorial on female medical education, 5303
Michigan alumnus, vol. VIII, 5362
———. University. Board of regents: Medical dept. and hospital, 5229
——— university medical journal, 5432
[Palmer: Statement of relation of faculty in the dept. of medicine and surgery to faculty in homoeopathic college], 5629
Pitcher: Address to 1st graduates, 5746
Summer session, 5304
Thayer: Memorial on subject of establishing chair of homoeopathy in medical dept., 6518
See also Michigan. University. Homoeopathic medical school; Michigan. University. Training school for nurses; Michigan. University. University hospital
Memorial discourses, 5194
——— ——— on C. L. Ford, 5195
——— in relation to increasing endowment, 5196
——— addresses at funeral of Prof. Watson, 5197
——— of president, 5198
——— of 75th anniversary, 5199
Michigan alumnus, 5361
——— book, 5200
——— daily, 5390
Michiganensian, 5435
Michigan. Legislature. House. Committee on education: Report on communication of executive respecting loan, 4038
———. ———. ———. Committee on University of Michigan: Report, 4247
———. ———. ———. Select committee: Report of committee to inquire into present condition, 4359
———. ———. Senate. Committee on internal improvement: Report relative to transportation of materials for building university, 4547
———. ———. ———. Committee on public instruction: Report in answer to queries regarding branches, 4643
———. ———. ———. Committee on state affairs: Report relative to establishment of female dept., 4689
[——— union], 5201
——— university book, 5202
——— ——— magazine, 5431
——— ——— medical journal, 5432
Monroe branch
Report of principal, 8472
Museum
Adams: Ecological survey of Isle Royale, report from museum, 6
———: Ecological survey in northern Mich., report from museum, 7
Catalogue of museum of art and history, 5308

MICHIGAN—Continued

- University—Continued
    - Catalogue of Trowbridge collection of natural history, 5309
    - Occasional papers of museum of zoology, 5310
    - Pearse: Notes on crustacea recently acquired by museum, 5687
    - Report of curator, 5305
    - —— — on collections in geology, zoology and botany, 5306
    - Statement of operations, 5307
    - Winchell: Description of elephantine molars, 6967
  - Musical society, see Michigan. University. University musical society
  - Nurses' training school, see Michigan. University. Training school for nurses.
  - Observatory, see Michigan. University. Detroit observatory
  - Official student directory, 5203
  - Palmer: Why go to college, 5628
  - Pathological laboratory
    - Contributions, 5311
  - Periodicals
    - Argonaut, 152
    - Black fly, 380
    - Campus news notes, 574
    - Castalian, 614
    - Chronicle, 676
    - Gargoyle, 1787
    - Inlander, 2295
    - Michigan alumnus, 5361
    - ——— daily, 5390
    - Michigan technic, 5427
    - ——— university magazine, 5431
    - ——— ——— medical journal, 5432
    - Oracle, 5606
    - The technic, 6510
    - The university, 6705
    - University castalia, 6706
    - ——— chronicle, 6707
    - ——— of Michigan gothamite, 6714
    - ——— homoeopathic observer, 6708
    - ——— of Michigan news-letter, 6715
    - ——— palladium, 6716
    - ——— record, 6718
    - Wolverine, 7004
    - Wrinkle, 7053
  - Pharmacy school, see Michigan. University. College of pharmacy
  - Phi chapter of psi upsilon, 5204
  - Physical laboratory
    - Contributions, 5312
  - Presbyterian church. Synod of Michigan: Synod of Mich. and state university, 5869
  - President
    - Michigan. University: Memorial, of, 5198

MICHIGAN—Continued

- University—Continued
    - ———. ———: President's report, 5205
  - Private and local gifts to state universities, 5206
  - Professors
    - Memorial [relative to condition and wants], 5313
    - See also Michigan. University. Faculty
  - Programme for commencement week, 5207
  - ——— of instruction in history, 5208
  - Proposed laboratory of hygiene, 5209
  - Quadrangle book, 5314
  - Regents, see Michigan. University. Board of regents
  - Report on requirements for doctors' degrees, 5210
  - ——— — dept. of hygiene and physical culture, 5211
  - ——— of receipts and disbursements, 5212
  - Republican club
    - Pingree: Address before, 5743
  - Research club
    - Russell: Research in state universities, 6052
  - Romeo branch
    - Catalogue of officers and students, 5164
  - Rules and regulations, 5213
  - Sadler: Experimental ship tank, 6062
  - School of music, see University school of music
  - ——— — pharmacy, see Michigan. University, College of pharmacy
  - ——— — technology
    - Wood: Report in reference to establishment of school of technology, 7016
  - Science and art of teaching
    - Payne: Contributions to science of education, 5681, 5682
  - Senate
    - Memorial relative to establishing chair of homeopathy, 5315
  - Senior classes
    - Michiganensian, 5435
  - Songs
    - Michigan. University: Good songs, 5188
    - Wagner: Michigan university song book, 6777
    - Welch: Michigan's favorite college songs, 6851
    - See also University school of music
  - Sophomore class
    - The oracle, 5606
  - State psychopathic hospital
    - Michigan. State psychopathic hospital: Biennial report, 5100
  - Steere: University of Michigan and saloons of Ann Arbor, 6395

MICHIGAN—Continued
University—Continued
Students
Michigan. University: Answer and review, 5160
———. ———: General directory, 5187
———. ———: Official student directory, 5203
Polk & co.: Students' directory, 5789
Students' Christian association
Michigan hand-book, 5401
Suggested programs of study in business administration, 5214
Summer library school
[Koch]: Summer library school at U. of M., 2572
——— session
Abridged announcement, 5316
Announcement, 5317
Sunderland: Rev. B. Fay Mills and state university, 6438
Synopsis of lectures by C. L. Ford, 5215
Tappan: Discourse on inauguration as chancellor, 6499
——— Presbyterian association, 5216
———: Public education, 6500
———: Report in relation to, 6502
———: Review of connection with, 6503
———: The university, 6504
Ten Brook: American state universities, 6513
To wit, dept. of law, 5217
Training school for nurses
Annual announcement, 5318
University, The, 6705
University bulletin, 5218
——— castalia, 6706
——— chronicle, 6707
——— of Michigan bulletin of information addressed to legislature and people, 6710, 6711
——— ——— gothamite, 6714
——— homoeopathic hospital
Annual report, 5319
See also Michigan. University. Homoeopathic medical school
——— hospital
Clinic for examination and treatment of tuberculosis patients, 5320
Dept. of gynecology and obstetrics [Case records], 5322
Report, 5321
See also Michigan. University. Medical school
——— musical society
Annual May festival, 5323
See also University school of music
——— palladium, 6716
——— of Michigan, photogravures, 5220
——— ——— ———, quarter-centennial celebration of presidency of J. B. Angell, 5221

MICHIGAN—Continued
University—Continued
——— school, 6718
——— school of music, see University school of music
——— of Michigan; semi-centennial celebration, 5222
——— training for newspaper work, 5219
'Varsity stories, 5223
Views
Smith: 'Varsity views, 6266
Wells: University as art centre, 6757
Wenley: Life and work of G. S. Morris, 6862
What's what at Mich., 5224
Whitney: Education at, 6910
Winchell: Memorial discourse on life and services of Rev. B. F. Cocker, 6977
———: Memorial discourse on life and services of Rev. E. O. Haven, 6978
———: Statement of operations in museum and in dept. of geology, zoology and botany, 6990
Wolverine, 7004
Woman's progress co.: Woman's progress among schools and colleges, 7010
Wrinkle, 7053
See also Education; Schools; University lands
Veterinary board, see Michigan. State veterinary board
——— medical association, see Michigan. State veterinary medical association
Vital statistics, see Michigan. Statistics, vital
Volksblatt
Goldenes jubilaüm, 5433
Volunteers of '98, 5434
Western state normal school
Bulletin, 5324
Kalamazoo normal record, 2457
Training dept.
Course of study for kindergarten and 1st 8 grades, 5326
Year book, 5325
Woman's Christian temperance union, see Woman's Christian temperance union of Michigan
——— press association
Constitution and by-laws, 5327
Proceedings of annual session, 5328
[Program of annual meeting], 5329
——— ——— club
Leaves from our lives, 5330
World's fair managers, see Michigan. Board of world's fair managers
Young men's Christian association
The state, 6378
Ypsilanti normal school, see Michigan. State normal college

MICHIGAN (Ter.)
- Baby: Souvenirs of past, 167
- Cavalry
  - Muster roll, 8473
  - See also Michigan. Cavalry; Michigan. Militia
- Census
  - U. S. Bureau of the census: [Census rolls], 8568
- Citizens
  - Resolutions for change of government, 8474
- Commission on land titles
  - Governor and judges journal, 5331
- Constitutional convention
  - Appeal, 5332
  - See also Michigan. Constitutional convention
- Courts
  - Godfroy family: Mss., 8049
- Description and travel, see Michigan. Description and travel; Northwest. Description and travel
- Education
  - Salmon: Education in, 6134
- Elections
  - U. S. Congress. House. Committee of elections: Mich. election, 6651
- Governor
  - Bank book, 8475
  - [Inquiry to secretary of state regarding permission to people of Detroit to cut timber from lands], 8476
  - Message, 5334-5337
  - Michigan (Ter.) Legislative council: Special session, message of S. T. Mason, 5357
  - Proclamation [of power of Congress alone to disapprove laws adopted by governor and judges], 8477
  - See also Michigan. Governor
- Governor and judges
  - Report in obedience to act for adjustment of land titles, 5333
  - U. S. President: Message transmitting report relating to state of territory, 6681
- History
  - Historical memoranda, 2136
  - See also Michigan. History
- Lands
  - Plan of private claims as surveyed by A. Greeley, 7860
- Laws, statutes, etc.
  - Act making certain appropriations, 8478
  - —— to organize militia, 5338
  - Actes relatifs aux townships, 5339
  - Laws, 5340-5345
  - Macomb and Saginaw railroad co.: Act to incorporate, 2862
  - Michigan (Ter.) Legislative council: Private and incorporation laws, 5355
  - Militia laws, 5346
  - Some of acts of territory, 5347

MICHIGAN (Ter.)—Continued
  - Township laws, 5348
  - See also Michigan. Laws, statutes, etc.; Michigan (Ter.) Legislative council
- Legislative council
  - Acts, 1st-6th council, 5349
  - —— passed at special session, 6th council, 5350
  - Communication from secretary and report thereon, 5351
  - Journal, 5352
  - Memorial to Congress, 5353
  - ———— praying claims for property lost or destroyed during war may be paid, 5354
  - Private and incorporation laws, 5355
  - Report of Mr. Burnett, 5356
  - Sheldon: Mss., 8048
  - Special session, message of S. T. Mason, 5357
  - See also Michigan. Legislature
- Maps, see Michigan. Maps
- Militia
  - Michigan (Ter.) Laws, statutes, etc.: Act to organize militia, 5338
  - ———— ——— ———, ————, ——.: Militia laws, 5346
  - See also Michigan. Militia
- Politics and government
  - Askin: Mss., 8130
  - Michigan (Ter.) Citizens: Resolutions for change of government, 8474
  - Miscellaneous mss., 8126, 8176
  - [Moore]: Governor, judge and priest, 5477
  - Procter: Regulations of civil government, 8520
  - Sanders: Mss., 8150
  - Sibley: Mss., 8173, 8175
  - See also Democratic party; Democratic Republican party; Michigan. Politics and government; Politics
- Public lands
  - U. S. Congress. House. Committee on affairs in the Territory of Mich.: Report, 6658
- Roads, see Roads
- Secretary
  - Michigan (Ter.) Legislative council: Communication from secretary, 5351
  - Woodbridge: Mss., 8051
- Society of Catholic schools
  - Richard: Draft of resolutions for formation of association, 8527
- Supreme court
  - Digest of rules, 5358
  - Presentment of grand jury, 8479
  - See also Michigan. Supreme court
- Taxation
  - Schaffner: Territorial tax legislation, 6153

Michigan, Town of
- Map, by T. M'Cracken, 7735

Michiganensian, 5435

MICHILIMACKINAC
Cadillac: [Order to Sieur D'Argenteuil], 8277
Private claims surveyed by J. Mullet, 7861
See also Mackinac
——, **Fort,** see Fort Michilimackinac
——, **Port of,** see Sault Ste. Marie. Revenue office
——, **Straits of**
Plan, 7986
Micro-organisms
Michigan. Agricultural college. Dept. of bacteriology, hygiene and pathology: Laboratory manual, 3011
Middle Island
[Map of] Harbors of refuge, by U. S. War dept., 7954-7956
Middleville
Polk, Murphy and co.: Directory, 5790
Midland county
Map, by Imperial publishing co., 7525
——, by U. S. Postoffice dept., 7526
—— of Saginaw and Tuscola, with part of, by D. A. Pettibone, 7555
Ogle & co.: Standard atlas, 7527
Portrait and biographical album, 5841
Milan
Wendell directory co.: Washtenaw co. directory, 6861
Milford, see Quadrangle maps
Military academy, see Michigan. Military academy
—— **affairs**
Askin: Mss., 8037, 8130
Michigan. Laws, statutes, etc.: Laws relative to, 3910
Miscellaneous mss., 8182, 8184
Williams: Mss., 8038
See also Michigan. Militia; U. S. Army
—— **board,** see Michigan. State military board
—— **education,** see Michigan. Dept. of public instruction
—— **fund and force**
Michigan. Attorney general's office: Communication in regard to constitionality of bill for military fund and force, 3051
—— **instruction**
Willcox: Instruction in field artillery, 6933
—— **lands**
Plat of survey of land "for military purposes" around Fort Brady, by G. C. Westcott, 7851
True copy of plot of military reservation at Fort Gratiot, by W. H. Hearding and J. L. Beghein, 7852
—— **order of the loyal legion of the United States. Michigan commandery**
By-laws, 5436
Circular[s], 5437

MILITARY ORDER OF THE LOYAL LEGION OF THE UNITED STATES. **Michigan commandry—Continued**
Detroit tribune: Detroit tribune's souvenir soldiers' and sailors' hand-book, comprising history of military order of loyal legion, 1492
In memoriam: O. F. Heyerman, 5438
Register of members, 5439
Supplementary proceedings of regular monthly meeting, 5440
War papers, 5441
—— **roads**
Michigan. Legislature. House. Committee on military roads: Memorial and resolutions relative to military roads commenced by general government, 4225
—— **school,** see Michigan. State military school
—— **state agency**
Longyear: Memorial for re-establishment of military state agency, 2765
Militia
[Belknap]: History of Michigan organizations at Chickamauga, Chattanooga and Missionary Ridge, 337, 338
Hart: Petition to amend militia law, 2065
Miscellaneous mss., 8176
See also American revolution; Civil war; Detroit. Light guard; Michigan. Inspector general's office; Michigan. Militia; Michigan (Ter.) Militia; Michigan. National guard; War of 1812
Milk
Anderson: Studies in cost of milk production, 90
——: Studies in butterfat, 91
Cooper: Study in cost of producing milk, 830
Marshall: Popular discussion of pure milk supply, 2899
See also Butter; Cattle; Dairying
Millard, A. L.
Early history of Lenawee co. and Adrian, 5442
Mill dams
Michigan. Legislature. Senate. Committee on state affairs: Report of committee [to whom was referred petitions for law for appraisal of damages for lands flowed], 4674
Millen, F. E.
Foul brood, 5443
Transferring bees, 5444
Miller, A.
New states and territories, 5445
——, **G. J.**
Establishment of Michigan's boundaries, 5446
Geographical influences in settlement of Mich., 5447, 5448
——, **Henry**
Michigan. Legislature. House. Committee on elections: Report in relation to petition claiming seat of J. N. Donaldson, 4052, 4053

MILLER, HIRAM
Michigan. Legislature. House. Committee on the judiciary: Report relative to claim, 4117
————. ————. Senate. Committee on state affairs: Report relative to claim, 4682
——, J.
Mss., 8182
——, L. M.
Michigan. Laws, statutes, etc.: Compiled laws, 3841-3843
————. State board of library commissioners: Legislative history of township libraries, 4946
——, N. J.
W. C. Durant, 5449
——, S. D.
Account book, 8482
Agency book, 8483
Cash book, 8484
Journals, 8485
Ledgers, 8486
Letter books, 8487
Letters to, 8488
Mss., 8116
——, S. T.
Check stub-books, 8489
Diary, 8490
——, U.
Michigan. Legislature. House. Committee on the judiciary: Report relative to claim, 4117
————. ————. Senate. Committee on state affairs: Report relative to claim, 4682
——, W.
White: Sketches of Christian life and public labors, 6896
Millet
Crozier: Millet, 875, 876
Mill-point
Map, by S. S. Montague, 7705
Mills, B. F.
Sunderland: Rev. B. F. Mills and state university, 6438
——, G. V.
Ann Arbor-Ypsilanti directory, 5450
Directory of Flint, 5451
——, The G. V., directory co.
Directory of Ypsilanti, 5452
——, J. C.
Our inland seas, 5453
Mills
Michigan. Attorney general's office: Communication [as to constitutionality of law to regulate construction of mill dams and races], 3046
See also Frederick mills
Millspaugh, A. C.
Party organization and machinery in Mich., 5454
Milton Junction
Polk & co.: Directory, 5763
MILWAUKEE, LAKE SHORE AND WESTERN RAILWAY Co.
Gogebic and other resorts, 5455
Miner, Mrs. A. B.
Muskegon. Public school library: Catalogue, 5517
Mineral lands
Howell: Right of general government to lease, 2232
[Jackson]: Report on geological and mineralogical survey, 2351
Map of part of mineral lands adjacent to Lake Superior, by U. S. War dept., 7859
—— — Mo., Ill., Iowa and Wis., Territory of Minn., and mineral lands of Lake Superior, by I. S. Drake, 7868
Michigan. Laws, statutes, etc.: Mineral lands, 3911
————. Legislature. Senate. Committee on public lands: Report of committee to whom was referred so much of governor's message as relates to, 4583
St. Mary's canal mineral land co.: Statement of plan, 6126
U. S. President: Message in relation to removal of Chippewa Indians from mineral lands of Lake Superior, 6684
—. —. Treasury dept.: Surveys of public lands, 6690
—. —. War dept.: Mineral lands on Lake Superior, 6695
Mineralogy
Foster: Report on geology of Lake Superior land district, 1737
Mineral waters
Cutter: Guide to Mount Clemens, 901, 902
Kennedy: Magnetic and mineral springs, 2518
Lane: Lower Mich. mineral waters, 2605
Lansing mineral and magnetic well, 2677
St. Clair mineral springs co.: Illustrated circular of Oakland, 6113
Mines and mineral resources
Allen: Mineral resources of Mich., 57-62
Baltimore mining co.: Articles of association, 213
Batchewanung land and mining co.: Certificate stub-book, 8238
———— —— —— ———— —.: Record book, 8239
Beard's directory and history of Marquette co., with early history of mines, 322
[British North American mining co.]: Report, 442
Brooks: On use of magnetic needle, 452
Calumet and Hecla mining co.: Summary of operations, 558
Copper Creek mining co.: Receipt stub-book, 8301
Detroit and Eureka gold and silver mining co., 1404
——— copper mining co. of Arizona: Articles of association, 1433

MINES AND MINERAL RESOURCES—Continued
Gogebic co. Inspector of mines: Annual report, 1821
[Hager]: Ancient mining on shores of Lake Superior, [illegible]
[illegible]: Mss., 8198
Houghton: Mineral region of Lake Superior, 2213
————: Reports, 2214
Howell: Right of general government to lease mineral lands, 2232
Hulbert: "Calumet-conglomerate", 2260, 2261
Iron co. Inspector of mines: Annual report, 2336
—— resources of Mich., 2337
—— trade review: Lake Superior iron ore shipments, 2338
Joy: Mss., 8143
Koch: Mineral gegenden der Vereinigten Staaten, 2567
Lane: Geology of lower Mich., 2601
Lord: Taxation of mining properties, 2770
Maps
  Farmer's map of Lake Superior and mining regions, 7919, 7920
  Furnaces consuming L. S. ores, by Mich. geological survey, 7827
  Geological section in Central mine, by Mich. geological survey, 7823
  ———— map of mineral region, by J. Farmer, 7839
  ———— and topographical map of mineral district of Lake Superior, by J. C. Booth and E. J. Hulbert, 7840, 7841
  Map of Champion mine, by Mich. geological survey, 7824
  —— — iron mines at Negaunee, by Mich. geological survey, 7826
  —— — Lake Superior mine, by Mich. geological survey, 7835
  —— — Marquette iron region, by Mich. geological survey, 7829
  —— — Menominee iron region, by Mich. geological survey, 7830
  —— — mineral district of northern Mich., by Mich. college of mines, 7834
  —— — mineral region of south shore of Lake Superior, by J. Houghton, jr. and T. W. Bristol, 7836
  Maps of mineral region of Lake Superior, by Weare and Little & co., 7838
  Map of New York mine, by Mich. geological survey, 7833
  —— — portion of silver range of Lake Superior, by Howe and Terry, 7842
  —— — Washington and Edwards mines, by Mich. geological survey, 7844
  —— — What-Cheer mine, 7845
  Method of sinking shafts, Mohawk mine, 7832
  Mineral regions of Lake Superior, 7837
  Sectional map of copper, iron and silver ranges of Lake Superior, 7843
  Sketch map of copper range of northern Mich., 7825
  Statistics of iron ore trade and iron mines, by Mich. geological survey, 7828
Michigan. Board of state tax commissioners: Appraisal of mining properties, 3228
————. College of mines. Dept. of geology: Notes on rocks and minerals, 3256
————. Dept. of mineral statistics: Annual report, 3354
————. Geological survey: Annual report, 3559
————. ————: Report for 1891 and 1892, 3570
————. ————: Report, 3571
————. ————: [Reports], 3573
————. Geological and biological survey: Mineral resources, 3581
————. Laws, statutes, etc.: Mineral lands, 3911
————. Legislature. House. Committee on mines and minerals: Report relative to specific taxes in Upper Peninsula, 4191
————. ————. Joint committee: Report of committee on mines and minerals, 4399
————. ————. ————: Report of committee to whom was referred so much of governors' messages as related to mineral interests of state, 4400
————. ————. Senate. Committee on the judiciary: Sovereign right of Mich. to mines and minerals, 4563
————. ————. ————. Committee on mines and minerals: Report of committee to whom was referred bill relative to granting charters to mining corporations in Upper Peninsula, 4606
Old settlers' mining co.: Articles of association, 5595
Swineford: Appendix to history of Lake Superior iron district, 6450
————: History of Lake Superior iron district, 6449
Trowbridge: Mss., 8204
White: Mining industry of northern Mich., 6899
Whittlesey: Ancient mining on shores of Lake Superior, [illegible]

MINES AND MINERAL RESOURCES—Continued
See also Copper mines and mining; Iron mines and mining; Iron ore; Limestone; Michigan. Census; Michigan. College of mines; Silver mines and mining
Minimum wage
Michigan. State library. Legislative reference dept.: Laws relating to minimum wage for women and minors, 5057
Mining companies
Petitions for organization of townships in Keweenaw co., 5456
——— **corporations,** see Corporation law
——— **journal co.**
1st annual review of copper mining industry of Lake Superior, 5457
——— **law**
Republic iron co.: Articles of association, by-laws, etc., 5949
——— **supplies,** see Brady & co.
Minors, see Children
Minutes of state convention of colored citizens of Mich., 5458
Miskouaki
Indian affairs around Detroit in 1706, 5459
Missaukee county
Agricultural society
Premium list of annual fair, 5460
Buckley and Douglas lumber co.: Few facts about farm and fruit lands, 482
School commissioner
Missaukee schools, 5461
Stout: Story of year in, 6422
Missionary Ridge, Battle of
[Belknap]: History of Mich. organizations at, 337, 338
Missions and missionaries
American Sunday school union: Reports, 84, 85
Anishinabe enamiad, 94
Beard's directory and history of Marquette co., 322
Brown, C. R.: Old Northwest Territory, 461
———, E. O.: Two missionary priests at Mackinac, 465
Copway: Life, history and travels, 836
De Schweinitz: Life and times of D. Zeisberger, 951
Dionne: G. Richard, 1519
Eighteenth St. Baptist mission, 1582
Hastings: Mss., 8131
Hildreth: Contributions to early history of Northwest, including Moravian missions in Ohio, 2113
Michigan. Christian missionary association: Proceedings, 3246
O'Brien: Two early missionaries to Indians, 5582
Pitezel: Historical recollections, 5747
———: Lights and shades of missionary life, 5748, 5749

MISSIONS AND MISSIONARIES—Continued
Potier: Jesuit mss., 5854
Rice: D. Zeisberger, 5968
Scott: Journal of missionary tour, 6190
Sifferath: Short compendium of catechism for Indians, 6243
[Tuttle]: Conversations on Mackinaw and Green Bay Indian missions, 6609
Union mission Sunday school of Detroit; its history, 6616
Verwyst: Life and labors of Rt. Rev. F. Baraga, 6758
———: Missionary labors of Fathers Marquette, Ménard and Allouez, 6759
Zeisberger: Diary, 7072
See also Jesuits; Marquette, J.
Mississippi
Governor
Communications relative to exchange of documents, 2865
Legislature
[Michigan. Governor: Communication transmitting preamble and resolutions in relation to abolition of slavery], 3587
Mississippi River
Baker: Sources of, 200
Carver: Travels, 590-602
Catherwood: Heroes of middle West, 616
Disturnell: Tourist's guide to Upper Mississippi, 1527
Schoolcraft: Summary narrative of expedition to sources of Mississippi, 6182
U. S. War dept.: Schoolcraft and Allen —expedition to Northwest Indians, 6698
——— **valley**
Blair: Indian tribes of Upper Mississippi valley, 382
Colton: Traveler and tourist's guidebook, 752, 753
———: Western tourist, 749-751
Description and travel
Dana: Geographical sketches on western country, 908
Ensign and Thayer's guide, 1604
Ferris: States and territories of great West, 1683
Flint: Condensed geography and history of western states, or Mississippi valley
Gale: Upper Mississippi, 1779
Lanman: Summer in wilderness, 2618
Lindsey: Prairies of western states, 2748
Maps
Amplissimae regionis Mississipi, [by] J. B. Homann, 7086
See also Canada. Maps; Great Lakes and Great Lakes region. Maps
Margry: Découvertes et établissements, 2878
Miller: New states and territories, 5445
Parker: Trip to West and Texas, 5641
Peck: New guide for emigrants to West, 5690, 5691

MISSISSIPPI VALLEY—Continued
———: New guide to West, 5692
Perkins: Annals of West, 5704-5708
Poole: West, 5805
Roosevelt: Episodes from winning of West, 6017
———: La conquete de l'Ouest, 6018
———: Winning of West, 6021-6025
Schoolcraft: Narrative journal of travels through norhtwestern regions, 6173
———: Narrative of expedition through upper Mississippi River to Itasca Lake, 6174
———: Personal memoirs of residence of 30 years with Indians tribes on frontiers, 6178
———: Travels in central portions of Mississippi valley, 6183
Winsor: Joliet, Marquette and LaSalle, 6994
Missouri Compromise, see Kansas-Nebraska issue; Republican party; Slavery
——— **River, Fort Scott and Gulf railroad**
Joy: Mss., 8136, 8138
[Mitchell, J. J.]
Detroit in history and commerce, 5462
———, **J.**
Map of British and French dominions in North America, 7095
———, **S. A.**
Map of Ohio, Ind. and Ill., with settled part of Mich., 7178, 7184, 7190
——— — states of Ohio, Ind. and Ill., and part of Mich. Territory, 7159, 7160
— — ——— — ———, ———. ——— ———., with settled part of Mich., 7165, 7170, 7187
Michigan, 7211
——— and Wisconsin, 7244, 7251, 7259, 7260, 7277
New map of Mich., 7217
——— **and Newell**
Journal, 8491
——— **public library, Hillsdale**
Annual report, 5463
Mitchener, C. H.
Ohio annals, 5464
Mizner, H. R.
Mss., 8492
Moerdyk, P.
History of churches and benevolent associations of Grand Rapids, 5465
——— — 1st Reformed church, 5466
Moffatt, S. C.
Cutcheon: In memoriam, 895
U. S. 50th Cong., 1st sess.: Memorial addresses on life and character, 6640, 6641
Moffett, E. A.
Municipal ownership, 5467
Moffitt, J. A.
U. S. Dept. of labor: Mich. copper district strike, 6664, 6665
Mohawk mine
Method of sinking shafts, 7832
Molitor, D.
Plan of Elmwood cemetery, 7663
MOLITOR, E.
Map showing location of lands belonging to Detroit, Mackinac and Marquette railroad co., 7847
Sectional map of Mich. and Wis., 7271
Moll, H.
Map of New France, 7083
New map of north parts of America, 7087
Mollhausen, B.
Der leuchtturm am Michigan, 5468
Mollusca
Currier: List of shell-bearing mollusca, 882
Walker: Illustrated catalogue, 6786
Money
Baker: S. Baldwin vs. F. A. Baker, 190
Michigan. Legislature. House. Committee on banks and incorporations: Report concerning circulation of shinplasters, 4003
———. ———. ———. Select committee: Report of committee to whom was referred so much of governor's message as relates to suppression of small notes, 4340
———. ———. Senate. Committee on incorporations: Report on resolution referring so much of governor's message as relates to currency, 4514
———. ———. ———. ——— ——— — ———: Report on resolutions inquiring into expediency of prohibiting circulation of bills of less than 5 dollars, 4515
See also Michigan. Bank commissioners; Michigan. Treasury dept.; Usury laws
Monroe, W.
Mss., 8157
——— **and Learman**
County of Bay, 7423
Monroe
Bulkley: River Raisin monuments at, 489
Christiancy: Speech at centennial celebration, 675
Custer statue
Michigan. Custer monument commission: Ceremonies attending unveiling, 3343
———. ——— ——— ———: [Invitation to attend ceremonies of unveiling], 3344
Directory
Loomis and Talbott's Monroe city directory, 2769
Greening nursery co.
Greening nursery co.: Fortune in fruit farming, 1985
High school. Class of '96
Local history, 5470
Maes: History of Catholic church in, 2864
Maps
Wadsworth: Mss., 8177
Monroe, the floral city, 5469

MONROE—Continued
- ——— and Ypsilanti railroad co.
  - Report of S. M. Bartlit, chief engineer, 5471
- St. Mary's academy, see St. Mary's academy
- —. ——— college, see St. Mary's college
- Young ladies' seminary and collegiate institute, see Young ladies' seminary and collegiate institute

Monroe county
- Beers & co.: County atlas, 7529
- Bulkley: History of, 488
- Farm journal directory, 1647
- [Hubbard]: Geological survey, 2244
- Lang: Pocket road map, 2614
- Maes: History of Catholic church in, 2864
- Map, by Geil and Jones, 7528
- ——, by U. S. Postoffice dept., 7531
- Ogle & co.: Standard atlas, 7530
- Ruthven: Miscellaneous papers on zoology, 6057
- Sherzer: Geological report, 6233
- Surface geology, by W. H. Sherzer, 7794
- Wing: History, 6993

——— formation
- Grabau: Monroe formation, 1836

Montague, S. S.
- Map, Grand Haven, Ferrysburg and Millpoint, 7705

Montcalm county
- Cornell: Brief account of wonderful discovery of prehistoric relics, 837
- Farm journal directory, 1648
- Map, by F. W. Beers & co., 7532
- ——, by U. S. Postoffice dept., 7533
- Portrait and biographical album, 5835
- Rasmussen: Pioneer life in Big Dane settlement, 5927
- Schenck: History, 6155

[Montieth, James]
- Geography of Mich., 5472

————, John
- [Cooper]: Extracts from journal concerning introduction of gospel in Mich., 823

Montgomery, H. T.
- Glacial phenomena, 5473

Montmorency county
- Michigan home colony co.: Full description of country, its soils, climate, waterways and transportation routes in and around Lewiston, 5402
- Township map, by C. L. Smith, 7534

Montreal. Notarial archives
- [Records], 8493

Montrose
- Polk & co.: Directory, 5768

Monuments
- Bulkley: River Raisin monuments, 489
- Memorial monument at site of Fort Michilimackinac, 2940
- Women's improvement association of Grosse Ile: Treaty tree and memorial tablet, 7015

MOORE, C.
- A. B. Woodward, 5474
- Cooley: Mich., 813
- Detroit as she is, 5475
- ———. Committee of entertainment for the delegates to the International American conference: Detroit, a sketch, 1106
- Discoverers of Lake Superior, 5476
- Gladwin: Mss., 1817
- Governor, judge and priest, 5477
- History of Mich., 5478
- Michigan. Lake Superior semi-centennial celebration commission: St. Mary's Falls canal, 3832
- ————. Legislature: In memory of Hon. J. McMillan, 3948
- Northwest under three flags, 5479
- Ontonagon copper boulder, 5480

———, Mrs. C.
- In memoriam, 2311

———, Earl V.
- Welch: Michigan's favorite college songs, 6851

———, Ella A.
- Outline of study for Lapeer Tuesday club, 5481

———, S. H.
- Port Huron. Charters: Charter, 5814

———, W. A.
- Michigan. University: Memorial, 5196

———, William Austin
- Bank book, 8494
- Check stub-book, 8495
- Letter book, 8496

———, ——— ——— and Blackmar, T. S.
- Ledger, 8497

———, Canfield and Warner
- Rent book, 8498

——— and Griffin
- Claim book, 8499
- Letter books, 8500
- Receipts, 8501

Moravians
- Campbell: [Mss.], 8281
- De Schweinitz: D. Zeisberger, 951
- Hildreth: Contributions to early history of Northwest, including Moravian missions in Ohio, 2113
- Rice: D. Zeisberger, 5968
- Zeisberger: Diary, 7072

Morden, R.
- New map of English Empire in America, 7080

Morell, G.
- Lapeer county. Grand jury: Resolution relative to conduct of S. D. M'Keen, 2679
- Michigan. Legislature. House. Select committee: Proceedings of committee to investigate conduct, 4336
- ————. ————. ———. ——— ————: Report of committee to investigate official conduct, 4335
- Wisner: Protest against adoption of report to investigate official conduct, 6998

MORENCI
  Charter and ordinances, 5482, 5483
Morgan, E. W.
  [illegible]
———, J. F.
  Soil solution, 5484
———, N. C.
  The Soo, 6342
Morley, F., see Michigan. Commissioner of immigration
Morley
  Polk, Murphy and co.: Directory, 5790
Mormons and Mormonism
  Legler: Moses of the Mormons, 2715
  Sketch of J. J. Strang and Mormon kingdom, 6253
  Strang, C. J.: Beaver Island and its Mormon kingdom, 6425
  [———, J. J.]: Ancient and modern Michilimackinac, 6426-6428
  [———, —. —.: Scrap-book], 6429
  Wright: Lays of lakes, 7047
  ———: Ottawan, 7050
Morrill, D. L.
  Federal and state government, 5485
Morris, G. S.
  Wenley: Life and work, 6862
———, T.
  Journal, 5486
——— canal and banking co.
  Michigan. Legislature. House. Committee on ways and means: Report on governor's message relating to, 4271
  ———. ———. Senate. Committee on finance: Report of committee to which was referred message in relation to proposition, 4486
  ———. ———. ———. ——— — ———: Report of committee to whom was referred letter enclosing letters relative to negotiation with, 4495
Morrison, N. J.
  Memorial address at laying of cornerstone of south hall of Olivet college, 5487
———, R. M.
  Michigan. Legislature. Senate. Committee on internal improvement: Report in regard to orders drawn upon individuals, 4542
Morse, A. P.
  Adams: Ecological survey of Isle Royale, for paper by, 6
———, C. W.
  Mich., 7235
———, M. L. W.
  Kirtland: Diary, 2553
———, S. E.
  Mich., 7201
Mortgages and loans
  Michigan mortgage security society: Organic law, 5408
Morton, E. G.
  Prohibition, 5488
  Remarks on bill making appropriation to complete building for asylum at Kalamazoo, 5489
MORTON, E. P.
  Lake Huron and country of the Algonquins, 5490
  Lake Mich. and French explorers, 5491
Mosely, T.
  Michigan. Legislature. Senate. Committee on public instruction: Report on petition asking aid for instruction of deaf and dumb, 4637
Moses, Z.
  Sons of Mich. and Mich. state association, 5492
Mosher, Dr. J.
  Burton: First homoeopathic physician in Mich., 511
Mosquitoes
  Pettit: Mosquitoes, 5724, 5725
Mothers' day
  Pattengill: Special day exercises, 5672
Moths
  Cook: Codling moth, 784
Motor Boat Boys
  Arundel: Motor boat boys on Great Lakes, 158
——— cycles
  Michigan. Dept. of state: Instructions to applicants for registration, 3502
—— — guide and league
  Blazing the way, 5493
Motorists handbook, 5494
Motor vehicles
  Michigan. Dept. of state: Motor vehicle licenses, 3516, 3517
  ———. Laws, statutes, etc.: Motor vehicle law, 3913
Mounds and mound builders
  Cornell: Brief account of wonderful discovery of prehistoric relics, 837
  Gale: Upper Mississippi or historical sketch of mound-builders, 1779
  Gillman: Mound-builders, 1811
  Leach: Ancient mounds in Clinton co., 2699
  Mitchener: Ohio annals, 5464
  Pidgeon: Traditions of De-coo-dah, and antiquarian researches, 5736
  Society of colonial wars. Michigan: Message of mound builders, 6326
  See also Antiquities
Mt. Clemens
  Art of incorporation, charter and ordinances, 5496
  Business men's association
    Mount Clemens, the bathing city, 5495
  Cutter: Guide, 899-902
  Dau's blue book, 913
  Grand trunk railway co. Passenger dept.: Mineral bath city, 1964
  Public library
    Annual report, 5497
Mount Morris
  Polk & co.: Directory, 5768

MOUTH HYGIENE
Chadsey: Attitude of education towards mouth hygiene in schools, 628
Ferris: Duty of state, 1685
Price: Status of mouth hygiene in preventive medicine, 5873
Vaughan: Mouth conditions and their relations to public health, 6754
Moving picture law
Michigan. Laws, statutes, etc.: Moving picture law, 3914
Muck land
Kedzie: Management of swamps, 2480
Robinson: Utilization, 5991
Smalley: Management of muck-land farms, 6259
Mudge, C. E.
Mudge's directory of Eaton, Barry and Ingham cos., 5498
Muir
Polk & co.: Directory, 5772
Mulhern, J.
Water supply of Greenville, 5499
Mullet, J.
Michigan. Governor: Message transmitting communication from, 3604
Private claims at Michilimackinac, 7861
Mumford, F. B.
Fattening lambs, 5500, 5501
Harwood: Roots vs. silage for fattening lambs, 2075
Smith: Fattening lambs, 6272
——: Rape as forage plant, 6281
————, H. W.
Fattening lambs, 5502
Production and marketing of wool, 5503
Muncie, J. H.
Two Mich. bean diseases, 5504
Mundy, Lieut. Gov.
Michigan. Legislature. House. Select committee: Report of committee to whom was referred communication in relation to compensation for services, 4337
Munger, D.
Memorial relative to appointment of state journal as state printer, 5505
Michigan. Legislature. House. Committee on printing: Report on claim, 4201
Munica
Polk, Murphy and co.: Directory, 5790
Municipal finance
Detroit. Controller's office: Comparative statistics, 1116
——. ———— ——: Comparative table, 1117
———— franchises
Weston: Documents and addresses, 6883
———— government
Barnaby: Decade, a story of political and municipal corruption, 227
Detroit. Public library: Municipal affairs, books and articles, 1318
——. ———— ————: Municipal charters, selected list, 1319

MUNICIPAL GOVERNMENT—Continued
——. ———— ————: Municipal government, modern trend, selected list of books, 1320
——. ———— ————: Preferential voting, municipal ownership, selected bibliographies, 1323
Kirchner: Local self-government, 2542
League of Mich. municipalities: Proceedings, 2703
———— — ——. ————————: Report, 2704
Lockwood: Are our municipalities to become business corporations, 2755
Michigan. Laws, statutes, etc.: Incorporation of cities, 3837, 3838
————. ——, ————, ——.: Laws relating to incorporation and general powers of villages, 3939
————. Political science association: City government in Mich., 4792
————. ———— ———— ————:
Papers and discussions on municipal problems, 4795
Moffett: Municipal ownership, 5467
Wilcox: Municipal government in Mich. and Ohio, 6926
See also Detroit. Laws
———— indebtedness
Michigan. Governor: Appendix to message, 3711
———— ownership
Michigan. Governor: Messages of H. S. Pingree, 3756
Moffett: Municipal ownership, 5467
See also Municipal government
———— street grants
Baker: Duration of, 189
———— taxation and indebtedness
Michigan. Auditor general's office: Annual compilation, 3090
Munising
Grand Island forest and game preserve, 1852
Munising Harbor
[Map of] Munising Harbor, by U. S. War dept., 7949
Munro, J. F.
Munro's map, 7633
Munroe, G. C.
Williams: Memorial relative to examination into affairs of Amboy, Lansing and Traverse Bay railroad, 6939
————, K.
At war with Pontiac, 5507
Copper princess, 5506
———— (Monroe)—Burton genealogy
Mss. relating to, 8050
Munshaw, G. R., see Michigan. Public domain commission
Murfreesboro, Battle of
Bennett: Historical sketches of Ninth Mich. infantry, 343
Murphy, A. J.
Michigan. Legislature: Memorial proceedings for Gen. Sherman, 3961

MURPHY, G. B.
  Album of views, 5508
———, S. J.
  S. J. Murphy, 6244
——— & co.
  Grand Rapids city and Kent county directory, 5509
Museums, see Antiquities; Detroit. Museum of art; Michigan. University. Museum
Mushrooms
  Longyear: Mich. mushrooms, 2763
Music
  Ann Arbor school of music: Announcement, 140
  Beethoven club: 4th season, 419
  Michigan conservatory of music: Catalogue, 5388
  See also Detroit symphony orchestra; Michigan. University. University musical society; University school of music
Music teachers' association, see Michigan. Music teachers' association
Musical directory of Detroit, 5510
Muskegon
  Atlases
    Rascher's fire insurance atlas, 7745
  Board of trade
    Advantages and surroundings of Muskegon, 5511
  Charter, 5512, 5513
  Description
    Connor: Camera notes, 8299
    Souvenir, 6357
  Directories
    Bard's and co's. business directory, 226
    Polk & co.: Directory, 5780
  First Baptist church. Ladies' society
    Muskegon cook book, 5514
  Hackley art gallery, see Hackley art gallery
  ——— public library, see Hackley public library
  Labor unions, see Grand Rapids. Trades' and labor council
  Map
    Outline map, 7746
  Monuments
    Lincoln, Grant, Sherman, Farragut, 2744
    Patton: Grant, Sherman, Farragut, Lincoln, 5675
  Ordinances, 5515, 5516
  Public school library
    Catalogue, 5517
  Public schools
    Michigan. Laws, statutes, etc.: Charter, 5915
Muskegon county
  Beers: County atlas, 7535
  Everett: Memorials of Grand River valley, 1624
  History, 2162
  Map, by U. S. Postoffice dept., 7537

MUSKEGON COUNTY—Continued
  ——— of counties of Ottawa and Muskegon, 7552
  Ogle & co.: Standard atlas, 7536
  Pioneer and historical society
    Annual, 5519
  Polk & co.: Directory, 5780
  Portrait and biographical record, 5842
——— Harbor
  [Map of] Muskegon Harbor, by U. S. War dept., 7950
  Poe: Annual report upon improvement of certain rivers and harbors, 5752
——— improvement commissioner
  Report, 5518
——— Lake
  Map, by Abbott and Gamble, 7909
  Muskegon Harbor, by U. S. War dept., 7950
——— River
  Michigan. Dept of state: Communication transmitting reports of commissioner and superintendent of Muskegon River improvement, 3493
  ———. ———. ———: Report of commissioner of Muskegon River improvement, 3518
  ———. Governor: Special message relative to claim growing out of improvement, 3687
  ———. Legislature. House. Committee on public lands: Report of committee to whom was referred bill for draining swamp lands near sand flats, 4160
  ———. ———. Senate. Committee on claims: Report relative to claim for improvement of sand flats, 4455
  ———. ———. ———. Committee on the judiciary: Report on claim for improvement of sand flats, 4564
——— sand flats
  Michigan. Legislature. House. Committee on ways and means: Report relative to claims of W. Beard for work, 4252
Musk-ox, fossil
  Case: On nearly complete skull, 603
Mussey, H. R.
  Combination in mining industry, 5520
My new home
  Jay: My new home in northern Mich., 2382
Myths, see Legends

N

Nahma
  Polk & co.: Directory, 5767
Nash, A.
  History of Tabernacle Methodist church, Detroit, 5521

NASHVILLE
Porter: Business directory of Barry co., containing history of Hastings and Nashville, 5807

National Americanization committee
Americanizing a city, 5522

—— **association letter carriers. Detroit branch no. 1**
Program, annual entertainment, 5523

—— **benevolent fraternity**
By-laws, 5524

—— **building plan association**
Artistic homes, 5525, 5526

—— **chautauqua association**
Michigan state summer encampment, national chautauqua association, 5527

—— **educational association**
Days in and about Detroit, 5528

—— **grange in Michigan**
[Holden]: Souvenir, 2183

—— **guard,** see Michigan. National guard

—— **highways association**
Map of Dixie highway, 8004

—— **parks and reserves**
U. S. National park service: Report on proposed sand dunes national park, 6677

—— **publishing co.**
Imperial atlas of Gratiot co., 7459
New railroad, postoffice and county map of Mich., 7339

—— **society of the colonial dames of America**
Mereness: Travels in American colonies, 2955

—— **supply co.**
Prospectus, 832

Natural history
Fountain: Great Northwest, 1739
Schoolcraft: Natural history, 6175
——: Summary narrative of expedition to sources of Mississippi, 6182

Nature study
Stockman: Farmerkin's farm rhymes, 6414

Naval brigade, see Michigan. State military board

Nazareth academy
Annual announcement, 5530
Facts concerning, 5531
Nazareth academy, 5532

Nedham, A. G., & co.
Battle Creek and Marshall city directories, 5533

Ned Lake
Ned Lake sheet, by U. S. Geological survey, 7795

Needham, J. G.
Hankinson: Biological survey of Walnut Lake, 2035

Negaunee
Holland: Gazetteer of Marquette co., 2184

NEGOTIABLE INSTRUMENTS
Bates: Negotiable instruments law, 239
Bennett: Law of negotiable paper, 344, 345
Bunker: Negotiable instruments law, 492
Michigan. Laws, statutes, etc.: Act relating to, 3916

Negroes
Colored people of Detroit, 746
Detroit. Committee in behalf of colored citizens: Memorial, for right of suffrage, 1105
Emerson: Petition that colored people be admitted to all privileges of free whites, 1601
Hawkins: Petition to admit colored men to privilege of elective franchise, 2088
Michigan. Dept. of state: Communication giving number of colored population, 3487
——. Freedmen's progress commission: Mich. manual, 3550
——. Legislature. House. Committee on the judiciary: Report on extension of suffrage to colored persons, 4118
——. ——. ——. —— —— —— —— ——: Report in relation to striking out word "white" in constitution, 4120
——. ——. ——. Select committee: Report [of] committee to whom was referred petition for amendment expunging word "white" from constitution, 4353
——. ——. Senate. Committee on the judiciary: Report on amendment to extend elective franchise to all irrespective of color, 4572
——. ——. ——. Committee on privileges and elections: Report relative to extending elective franchise to certain citizens, 4630
——. ——. ——. Committee on state affairs: Report of committee to which was referred petition for amending constitution by expunging word "white," 4664
Minutes of state convention of colored citizens of Mich., 5458
Russell: Census bulletin no. 48 of 1891, 6046
Thrilling narratives from sufferers of late riot, 6533
See also Detroit. Negroes

Neill, E. D.
Critical period for French traders, 5534
Discovery along Great Lakes, 5535

Nellist, J. F.
Map of Mich. showing state lands, 7355
—— of one day trips around Grand Rapids, 7723
Road map of Mich., Lower Peninsula, 7385, 7386
Thunder Bay River basin, 7402
Upper Peninsula [showing state lands], 7867

NELSON, E. W.
  [illegible] and vicinity, 5536
Neutrality
  Callahan: Neutrality of American lakes, 553
Nevins, A.
  Rogers: Ponteach, 6008
———, J. M.
  Protest against passage of bill for county superintendents of schools, 5537
Newaygo
  Polk, Murphy and co.: Directory, 5790
Newaygo county
  Hayes: Atlas, 7538
  Map, by U. S. Postoffice dept., 7540
  Ogle & co.: Standard atlas, 7539
  Portrait and biographical album, 5844
New Baltimore
  By-laws and ordinances, 5538
  Plat, 7747
Newberry, Mrs. F. E.
  Michigan. Legislature: In memory of C. G. Luce, 3947
———, J. S.
  Reports of admiralty cases argued and adjuged in courts of U. S. for district of Mich., 5539
——— **state hospital,** see Michigan. Newberry state hospital
Newbro, S. D.
  Michigan. Legislature. House. Committee on memorial concerning phonetics: Report, 4195
New Buffalo
  Gerrish: Journal, 8403
  Smith: Petition relative to New Buffalo and Central railroad, 6311
——— church in Mich.
  Field: Memoirs, incidents and reminiscences, 1696
——— England
  Clark: New England in Northwest, 701
  Haskins: New England and West, 2081
  Social life and customs
    Woodbridge: Address before Detroit young men's society, 7029
——— ——— society
  Cass: Address before, 604
  Eldridge: Address before, 1584
  Record book, 8502
  Woodbridge: Mss., for address, 8066
Newett, G. A.
  Roosevelt: Roosevelt vs. Newett, 6020
Newhall
  Polk & co.: Directory, 5767
New Jersey
  Election
    Michigan. Legislature. House. Select committee: Report, 4339
    ———. ———. ———. ———
    ———: Resolutions reported by committee on, 4338
  Legislature
    Michigan. Governor: Special message [transmitting copies of joint resolutions of], 3616

NEWS BOYS, see Detroit. News boys
Newspapers, see Periodicals
Newton, S.
  Mackinac Island and Sault Ste. Marie, 5541
New York
  New York central railroad
    New York central lines, 8010
  ——— ——— ——— and Hudson River railroad
    Wilgus: Detroit River tunnel and electrification of N. Y. C. and H. R. R. R., 6928
  ——— ——— and Mich. lumber co. Detroit agency
    Journal, 8503
  ——— ——— mine
    Map, by Mich. geological survey, 7833
  Primaries
    Michigan. Political science association: Papers and addresses on primary reform, 4794
  University of Michigan club, see University of Michigan club, New York
  Veterans
    [Bumphrey]: Society of Mich., N. Y. veterans, 490
Niagara and Detroit rivers railroad
  Report of engineer, 5542
——— Falls ship canal
  Burt: Niagara Falls ship canal, 508
  Michigan. Legislature. Senate. Committee on federal relations: Report relative to appropriation of land for construction, 4463
  See also Canals
Nichols, Chas. A.
  Detroit. Committee of fifty on street railway question: Reports, 1108
———, Chas. W.
  Government class-book of Mich., 5543
———, Clark A.
  Green: Green's Mich. practice, 1980
Nicholson, A. W.
  Causation of intermittent fever, 5544
———, W. L.
  Post route map of Mich. and Wisconsin, 7301
  ——— ——— ——— — Ohio and Ind., with adjacent parts of Pa., Mich., Ill., Ky. and W. Va., 7302
Nicolet, J.
  Butterfield: History of discovery of Northwest, 542
  Michigan. Historical Commission: Nicolet day on Mackinac Island, 3801
Nicollet, J. N.
  Baker: Sources of Mississippi, 200
Nida, S. H.
  Letters of Polly, the pioneer, 5545
Niles, W. H.
  Military government of District of Lake Mich., 5546

NILES
  Baptist church
    Trowbridge: Pioneer days, 6594
  Board of education
    Catalogue of schools, 5547
    Circular of schools, 5548
  Charter, 5549
  Directory
    Polk & co.: Directory, 5762
  First Baptist church
    First Baptist church, 75th anniversary, 5550
——— reservation
  [Michigan. Governor. Communication transmitting] documents relative to settlements, 3591
  ————. Legislature. Senate. Committee on state affairs: Report in relation to settlers on, 4681
——— and Nottawasepe reservations
  Michigan. Legislature. House. Committee on university and school lands: Report of committee to whom were referred petitions of settlers for locations for seminary purposes, 4172
  ————. ————. Senate. Select committee: Report on petitions for removal of state locations on, 4736
  ————. ————. ———. ——— ————: Report of committee to whom was referred memorial for redress of grievances from location of university lands upon, 4749
Nimmo, D. C.
  Detroit songs, 5551
———, H. M.
  Men of '05, 5552
Nisi prius cases
  Howell: Michigan's nisi prius cases, 2228
Noble, F. W.
  Historical resumé of pilgrimages of Detroit commandery no. 1, Knights Templar, 5553
Noel, T.
  Noel's souvenir of 40th annual picnic of Berrien co. old settlers association, 5554
Nolin, J. B.
  Carte générale des colonies angloises dans l'Amérique septentrionale, 7114
Noll, E. P., & co.
  Property atlas of St. Joseph co., 7562
Nomination of candidates for U. S. senator 1907, 5555
Normal institutes
  Michigan. Dept. of public instruction: Course of study, 3378
——— schools
  Michigan. Dept. of public instruction: Manual and course of study, 3401
  See also Michigan. Central state normal school; Michigan. Northern state normal school; Michigan. State normal college; Michigan. Western state normal school
NORRIS, L. D.
  Memorial, 2944
North Adams
  Michigan. Agricultural college. Dept. of agricultural education: Agriculture in high schools, 3001
North America
  Maps
    North America, by William Berry, 7078
    Accurate map of North America, by E. Bowen, 7103
    North America, by J. Senex, 7082
    ——— ———— from French of Mr. d'Anville, by T. Jefferys, 7094
    ——— ———— from French of Mr. d'Anville, 7104
——— American [pseud.]
  Scenes on Lake Huron, 6151
——— American mineral land co.
  Prospectus, 5556
——— channel shooting club of Detroit
  Constitution and by-laws, 5557
Northeastern Michigan
  Bay City times: Northeastern Mich., 288
  Detroit and Mackinac railroad co.: Helping to feed and clothe America, 1405
———— ———— development bureau
  Land of undeveloped possibilities, 5558
———— ———— realty co.
  Northeastern Mich., 5559
Northern breezes
  Wright: Northern breezes, 7048, 7049
———— Indiana railroad
  Joy: Mss., 8136
  See also Michigan southern and northern Indiana railroad
———— Michigan
  Allen: Contributions to Pre-Cambrian geology of northern Michigan, 55
  Bailey's gazetteer and directory of lines of railway from Cincinnati to, 186
  Great union fair of Michigan: Officers, rules, etc., 1979
  Hixson: Plat book, 7389
  Longyear: Forests, streams, lakes and resources, 2764
  Portrait and biographical record, 5843
  Powers: History, 5862
  Sketch of public surveys in north part of Mich., 7395-7397
———— Michigan agricultural and mechanical society
  Officers, rules and regulations, and premium list, 5560
———— ———— asylum, see Michigan. Traverse City state hospital
———— Pacific railroad
  Michigan. Legislature. House. Special committee: Report on construction, 4377
  Proceedings of convention to consider route and best means for promoting construction, 5561

NORTHERN RAILROAD
Michigan. Board of internal improvement: Report in compliance with resolution of senate, 3201
——. ——. ——. ——.
——: Report relative to damages for right of way, 3204
——. Legislature. House. Committee on the Northern and Southern railroad routes: Report on revision of routes, 4219
——. ——. Joint committee: Report on location, 4408, 4409
——. ——. ——. ——: Report on Northern and Southern railroad routes, 4410, 4411
——. ——. Senate. Committee on internal improvement: Reports in relation to suspension of proceedings on Northern and Southern railroads, 4534
——. ——. ——. Committee on railroad routes: Report of majority of committee to consider propriety of location of route, 4648-4650
—— **state normal school,** see Michigan. Northern state normal school
North Highland co.
Map of Lansing, 7739
—— **Lansing**
Cornell: North Lansing business directory, 838
Marshall: Report of scarlet fever, 2905
See also Lansing
—— **Muskegon**
Rascher's fire insurance atlas, 7745
See also Muskegon
Northrup, A. J.
Camps and tramps in Adirondacks and grayling fishing in northern Mich., 5562
——, **E. S.**
Michigan. Legislature. Senate: Eulogies on death of, 4421
——, **Z.**
Bacterial disease in June beetle larvae, 5563
Influence of acid-destroying yeasts upon lactic bacteria, 5564
—— **and son**
Pictures of South Haven, 5565
North shore club
Alexander: Log of North shore club, 41
—— —— **line**
Stewart: Memorial asking grant of public lands for, 6408
Northville
Dau's blue book, 913
Duffield: Our soldier-dead, address at, 1558
Northway, S. A.
Sons of the American revolution. District of Columbia society: Battle fields of Maumee valley, 6334

NORTHWEST, OLD
Allen: Place of Northwest in general history, 63
Alvord: Conquest of St. Joseph by Spaniards, 79
Arnett: Northwest Territory, 155
Atwater: Indians of Northwest, 160
Baldwin: Conquest of, 205
——: Discovery of, 206
Beckwith: [Documents, papers, materials and publications relating to], 326
——: Historic notes on, 327
——: Ill. and Ind. Indians, 328
Bemis: Local government in Mich. and, 340
Benton: Wabash trade route in development of, 346
Blanchard: Discovery and conquests of, 385, 386
Bradford: Notes on, 423
Bradley: Available material for study of institutional history of, 427
British museum: French-Indian war, 8251
Brown: Old Northwest Territory, 461
Buckingham: Eastern and western states, 481
Burnet: Notes on early settlement, 498, 499
Burton: E. Douglass and his times, 522
Butler: First French footprints beyond lakes, 537, 538
——: French fortifications near mouth of the Wisconsin, 539
Butterfield: History of Brulé's discoveries and explorations, 541
——: History of discovery by Nicolet, 542
——: Washington-Irvine correspondence, 543
Campbell: Radisson's journal, 565
Carlton: New purchase, 579
[Carter]: Fort Defiance centennial, 582
Céloron [Céleron]: [Journal of expedition to Ohio in 1749], 8291
Chilton: State claims Northwest Territory, 671
Clark, G. R.: G. R. Clark papers, 695
——, R. W.: New England in Northwestern Territory, 701
Coles: History of Ordinance of 1787, 741
Colton, C.: Tour of American lakes, 748
——, J. H.: Traveler and tourist's guide-book, 752, 753
——, ——. ——: Western tourist, 749-751
[Columbus, pseud.]: Cautionary hints respecting sale of western lands, 755
Cox: Indian as diplomatic factor in history of, 847
Crawford: R. Putnam, 859
Croghan: Selection of letters and journals, 864
Cutler: Ordinance of 1787, 898
[Dana, C. W.]: Garden of the world, 907

NORTHWEST, OLD—Continued
——, E.: Geographical sketches on western country, 908
Darby: View of U. S., 911
Dillon: History of Indiana, 1516
Disturnell: Tourist's guide, 1527
Drake: Making of Ohio valley states, 1547
Drowne: Oration at Marietta, 1550
Ellet: Pioneer women of West, 1588
——: Summer rambles in West, 1589
English: Conquest of, 1602
Ensign, Bridgman, and Fanning's lake and river guide, 1603
——— and Thayer's guide, 1604
Evans: Pedestrious tour, 1621
Ewing: Address at centennial celebration of settlement, 1626
Fernow: Ohio valley in colonial wars, 1680
Ferris: States and territories of great West, 1683
Flint, J.: Letters, 1711
——, T.: Condensed geography and history of western states, 1712
Folsom: Fifty years in, 1724
Fountain: Great Northwest, 1739
Gale: Upper Mississippi, 1779
Gallagher: Facts and conditions of progress, 1781
Garfield: Discovery and ownership, 1786
[Graham]: Legislation in, 1840
Gravier: Découvertes et établissements de Cavelier de La Salle, 1976
Hall, B. F.: Early history, 2013
Hall, J.: West, 2015
Hart: Documents illustrating state land claims and cessions, 2063
——: ———— relating to territorial administration, 2064
Haskins: New England and West, 2081
Hatch: Chapter of history of War of 1812, 2085
Hay: Narrative of life on old frontier, 2089
Helm: Fort Dearborn massacre, 2101
Hildreth: Contributions to early history, 2113
————: Pioneer history, 2114
Hinsdale: Old Northwest, 2129, 2130
[————]: Three important documents relative to western land cessions, 2134
[Hoffman]: Winter in West, 2180
Hoskins: Notes upon western country, 2210
Howe: Laws and courts of Northwest, 2223, 2224
Howison: Sketches of Upper Canada, 2236
Hoyt: J. D. Pierce, 2237
Hubbard: Autobiography, 2248
Hulbert: Military roads in Mississippi basin, 2259
Isham: Frontenac and M. Standish, 2346

NORTHWEST, OLD—Continued
Jackson, E. H.: Is Virginia entitled to compensation for cession of Northwest Territory?, 2352
————, I. R.: Life of W. H. Harrison, 2353
[James]: Routes of Missouri River, 2381
Johnson: Industrial education in Northwest, 2404
Jones: Journal of visits to Indians on west side of Ohio River, 2421
[Kaler]: Benjamin of Ohio, 2463
Keating: Travels in interior of North America, 2466
Kellogg: Early narratives of Northwest, 2497
[Kimball]: Summer's vacation, 2529
Kinzie: Waubun, 2539-2541
Kirtland: Diary, 2553
Knapp: History of Maumee valley, 2555
Knight, G. W.: History and management of land grants for education, 2558
————, J.: Emigrant's best instructor, 2559
Kohl: Reisen im Nordwesten, 2576
Lanman: Summer in wilderness, 2618
Larzelere: Boundaries of Mich., 2681
LaSalle: Relation of discoveries and voyages, 2686
Law: Colonial history of Vincennes, 2689
Laws, 8504
Leeth: Short biography, 2713
Lindsey: Prairies of western states, 2748
Loskiel: Extempore on a wagon, 8444
Lucas: Journal, 2776, 2777
[McAfee]: History of late war, 2791
McCarty: Territorial governors of Old Northwest, 2792
McClung: Sketches of western adventure, 2794-2800
McGrane: Evolution of Ohio-Erie boundary, 2832
McKnight: Our western border, 2838
McLaughlin: Influence of Gov. Cass on development of Northwest, 2846
—————: Western posts, 2852
MacNaul: Jefferson-Lemen compact, 2859
Mss. from Burton historical collection, 2877
Maps
  Accurate map of British Empire in North America, 7097
  ——— —— — North America, by E. Bowen, 7103
  Amérique septentrionale, par le Sr. d'Anville, 7088
  ———— —————, par H. Jaillot, 7079
  ———— —————, par N. Sanson, 7073
  ———— —————, par le Sr. R. de Vaugondy, 7089
  Amplissimae regionis Missisipi, [by] J. B. Homann, 7086
  British colonies in North America, 7106

NORTHWEST, OLD—Continued
British government in North America agreeable to Proclamation of 1763, 7098
Canada, Le, faict par le Sr. de Champlain. Suiuant les memoires de P. du Val, 7076
———, —, ou Nouvelle France, par N. Sanson, 7074
Canada, Louisiane et terres Angloises, par le Sr. d'Anville, 7091
Carte de l'Amérique septentrionale depuis La Baye d'Hudson jusqu' au Mississipi, 7110
Carte du Canada, 7075, 7081
——— — ——— ou de la Nouvelle France, par G. Delisle, 7100
—— des Etats—Unis de l'Amérique septentrionale, par M. Brion de la Tour, 7109
—— de Nouvelle France, [by N. de Fer?], 7084
—— générale des colonies Angloises dans l'Amérique septentrionale, 7114
—— des pays sous nom Canada, par Sr. R. de Vaugondy, 7090
—— des possessions Angloises & Françoises du continent de l'Amérique septentrionale, 7093
—— tres curieuse de la Mer du Sud [by N. de Fer?], 7085
Charte über die XIII Vereinigte Staaten von Nord-America, entworfen durch F. L. Güssefeld, 7115
Map of British dominions in North America, by P. Bell, 7102
—— — ——— and French dominions in North America, by J. Mitchell, 7095
—— — ——— Empire in North America, by S. Dunn, 7105
—— — federal territory [Ohio] from western boundary of Pa. to Scioto River, 7118
—— — middle states, by J. Russell, 7122
—— — New France, by H. Moll, 7083
—— — northern and middle states, 7120
—— — part of North America showing proposed new western states, 7119
—— — —— — Northwest Territory, by S. Lewis, 7124
—— — Northwestern Territories, by H. R. Schoolcraft, 7140
—— — portion of North America from Great Lakes to Gulf of Mexico, 7077
—— — northwest parts of U. S., by J. Fitch, 7117
—— — Ohio, Ind. and Northwestern Territories, 7129
—— — U. S., by I. Fielding, 7112
New and accurate map of British dominions in America, by T. Kitchin, 7101

NORTHWEST, OLD—Continued
—— map of English Empire, by R. Morden, 7080
—— ——— north parts of America, by H. Moll, 7087
—— and correct map of North America, corrected from original materials of Gov. Pownall, 7107
—— map of North America, corrected from original materials of Gov. Pownall, 7113
—— —— — ——— ——— from latest discoveries, 7099
—— —— — part of U. S. exhibiting western territory, by J. Cary, 7130, 7131, 7139
—— —— — —— — western parts of Va., Pa., Md. and N. C., by T. Hutchins, 7108
North America, from French of Mr. d'Anville, 7094, 7104
—— ————, by W. Berry, 7078
—— ———— agreeable to most approved maps and charts, by T. Conder, 7111
—— ————, by J. Senex, 7082
Northern provinces of U. S., by J. Thomson, 7138
Northwest Territory, 7125, 7127
——— ————, by J. Scott, 7123
Partie de l'Amérique septentrionale, par Sr. R. de Vaugondy, 7096
—— occidentale de Nouvelle France ou du Canada, par Mr. Bellin, 7092
Region tributary to Detroit and Miami town, 7376
U. S. according to definitive treaty of peace, 1783, by W. McMurray, 7116
Upper territories of U. S., by M. Carey, 7136, 7137
Western states, by J. Bartholomew, 7264
See also Canada. Maps; Great Lakes and Great Lakes region. Maps; Michigan. Maps
Margry: Découvertes et établissements, 2878
[Marshall]: De Céloron's [Céleron's] expedition to Ohio, 2907
Martindale: Loughery's defeat, 2913
Mathews: Erie canal and settlement of West, 2920
Mereness: Travels in American colonies, 2955
Metcalfe: Collection of narratives of Indian warfare, 2960
Michigan. Historical society: Historical and scientific sketches of Mich., 3807
————. Legislature. Senate. Committee on federal relations: Report relative to armory in Northwest, 4462
Miller: New states and territories, 5445
Mitchener: Ohio annals, 5464
Moore: Discoverers of Lake Superior, 5476

NORTHWEST, OLD—Continued
———: Northwest under three flags, 5479
Morton: Lake Huron and country of Algonquins, 5490
———: Lake Michigan and French explorers, 5491
Neill: Discovery along Great Lakes, 5535
Nida: Letters of Polly, 5545
Old North-west leaflets, 5594
Ossoli: Summer on the lakes, 5615
Parish: G. W. Jones, 5637
Parker: Trip to West and Texas, 5641
Parrish: Sword of old frontier, 5655
Part taken by Essex co. in organization and settlement of Northwest Territory, 5657
Peck: New guide for emigrants to West, 5690, 5691
——: New guide to West, 5692
Perkins: Annals of West, 5704-5708
Peyton: Over the Alleghanies and across the prairies, 5729
Phillips: Rare map of Northwest, 5731
Poole: Early Northwest, 5801, 5802
———: Ordinance of 1787, 5803, 5804
———: The West, 5805
Powell: Historic towns of western states, 5858
[Pritts]: Abentheuerliche ereignisse aus leben ersten ansiedler mittleren und westlichen staaten, 5875
[———]: Incidents of border life, 5874
Quaife: Chicago and Old Northwest, 5902
Remington: Ship-yard of the Griffon, 5947
Rochefoucault Liancourt: Travels through U. S., 5999
Roosevelt: Episodes from Winning of West, 6017
———: La conquete de l'Ouest, 6018
———: Northwest in the nation, 6019
———: Winning of West, 6021-6025
Rupp: Geographical catechism of Pa. and western states, 6044
Ryan: From charter to constitution, 6059
Schoolcraft: Discourse before Historical society of Mich., 6162
————: Narrative journal of travels through northwestern regions, 6173
————: Personal memoirs of residence of 30 years with Indian tribes on frontiers, 6178
————: Summary narrative of expedition to sources of Mississippi, 6182
————: Travels in central portions of Mississippi valley, 6183
Schooley: Among the Wolverines, 6185
Schuyler: Transition in Illinois from British to American government, 6187
Scott, James L.: Journal of missionary tour, 6190
——, Joseph: Geographical dictionary, 6191

NORTHWEST, OLD—Continued
[Severance]: Peace mission to Niagara of E. Douglass, 6202
Sheldon: Early history of Mich., 6226, 6227
Slocum: History of Maumee River basin, 6257
———: Ohio country between 1783 and 1815, 6258
Smith, H. M.: Historical sketches of old Vincennes, 6305
[———], W.: Historical account of expedition against Ohio Indians in 1764, 6314, 6315
———, W. H.: St. Clair papers, 6318
Society of colonial wars. Michigan: Historical paper, English supremacy, 1763-1793, 6324
——— — ——— ——. ————: Paul Revere of West, 6327
Sons of the American revolution. District of Columbia society: Battle fields of Maumee valley, 6334
Steele, Mrs. E. R.: Summer journey in West, 6390
———, O. G.: Western guide book, and emigrant's directory, 6392-6394
Stevens: Book of words, 6406
Stewart: New homes in West, 6407
Stone: Ordinance of 1787, 6416
Taylor: Harrison-Tarhe peace conference, 6508
Terry: Aborigines of Northwest, 6514
Thwaites: Boundaries of Wisconsin, 6534
————: How G. R. Clark won Northwest, 6535
Tucker: Oration, 6598, 6599
Turner: Outline studies, 6602
———: West as field for historical study, 6603
Tuttle: Centennial Northwest, 6606
U. S. Congress. Committee on government of western territory: Report, 8570
—. —. ———. House. Committee on alterations in judicial establishment in Northwest Territory: Report on alterations in judicial establishment and on division into 2 governments, 6653
—. —. Treasury dept.: Letter transmitting statement of lands sold northwest of Ohio River, 6688
Varnum: Oration at Marietta July 4, 1788, 6750
Volney: View of climate and soil of U. S., 6770, 6771
Walker: Experiences of pioneer life in early settlements and cities, 6790
———: Northwest during revolution, 6787, 6788
Ward: Protection vs. free trade, 6797
———: Reasons why Northwest should have protective tariff, 6798
Wayne county. Historical and pioneer society: Chronology of notable events, 6830

NORTHWEST, OLD—Continued
——— ———. Northwest Territory: County tax, 8606
Webster: History of Democratic party organization, 6846
Western Reserve historical society: Letters from S. Huntington correspondence, 6879
——— ——— ——— ———: Battle of French Town, 6880
Whiting: Discourse before Historical society of Mich., 6907
Whittlesey: Gen. Wadsworth's division, War of 1812, 6917
———: Papers relating to expeditions of Col. Bradstreet and Col. Boquet in Ohio in 1764, 6918
Williams: Two western campaigns in War of 1812-13, 6957
Wilson, F. E.: Peace of Mad Anthony, 6964
———, —. —.: Treaty of Greenville, 6965
———, T.: Arkansas traveller, 6966
Winsor: Joliet, Marquette and LaSalle, 6994
See also Canada; Great Lakes and Great Lakes region; Manuscripts
Northwestern lakes. Superintendent of lights
Michigan. Governor: Special message transmitting communication from, 3658
——— **Michigan press association**
Annual meeting, 5566
——— **mining co. of Detroit**
Certificate book, 8505
——— **reporter**
Northwestern reporter blue book, 5567
——— **states**
Carver: Adventures, 589
———: Travels, 590-602
Chicago and northwestern railway co.]: The Indian, the Northwest, 663
[——— —— ——— ——— —.]: Lakes and resorts, 664
——— summer institute, 5568
Norton, H. W.
Baby beef production, 5569
Preliminary report on wintering farm work horses, 5570
Rearing calves on skim-milk, 5571
Shaw: Feeding whole grain, 6218
Shaw: Roots supplementary to silage for dairy cows, 6223
———, **J.**
Mss., 8107, 8109
Trowbridge: Mss., 8108
———, **O. W.**
Strong Vincent and his brigade at Gettysburg, 5572
Norvell, J.
Lyon: To J. M. Clayton, 2782
[Ross: Facts relating to alleged portrait], 6030
NORWAY
Board of education
Announcement of schools, 5573
——— **pine**
Woolsey: Norway pine in lake states, 7035
Notaries public
Michigan. Dept. of state: Report of number, 3519
Nottawasepe reservation, see Niles and Nottawasepe reservations
Novy, F. G.
Mich. alumnus, vol. VIII, 5362
Noxious animals
Michigan. Laws, statutes, etc.: Laws relating to destruction of, 3870
Nowlin, A.
Emmons: Mss., 8078
———, **W.**
The bark-covered house, 5574
Noyes, D. W.
Michigan. Legislature. House. Committee on the judiciary: Report relative to claim, 4117
———. ———. Senate. Committee on state affairs: Report relative to claim, 4682
Nurses' association, see Michigan. State nurses association
——— **training school,** see Michigan. University. Training school for nurses
Nursey, W. R.
City of Escanaba, 5575
Menominee iron range, 5576

Oakland
Lake gems of, 2587
Oakland and Ottawa railroad
Emmons: Mss., 8092
Oakland county
Beautiful Bloomfield hills, 323
Beers & co.: Atlas, 7541
Biographical record, 370
[Durant]: History, 1563
Hunt: Address to members of agricultural society, 2269
Map, by U. S. Postoffice dept., 7542
[—— of] Wayne co. and part of Oakland and Macomb, by S. Farmer & co., 7601
[—— —] ——— and parts of Washtenaw, Oakland & Macomb cos., by H. P. Strong, 7602
Michigan. Legislature. House. Committee on banks: Report of committee to investigate affairs and conditions of Oakland co. bank, 3982
Poppleton: Address at annual fair of agricultural society, 5806
Portrait and biographical album, 5845
Seeley: History, 6198
Oak-openings
Cooper: Oak-openings, 829
Oakwood
New map of Detroit and suburbs, by S. Farmer & co., 7681, 7685

OATES, W. R.
  Michigan. Game, fish and forestry warden: Annual report, 3553
  ———. ———, ——— ——— ——— dept.: Biennial report, 3554
  ———. ———, ——— ——— ——— ———.: Mich. forest scouts, 3555
  ———. ———, ——— ——— ——— ———.: What Mich. is doing, 3556
Oats
  Harwood: Smut in, 2076
  Johnson: Potatoes, roots, oats, 2413
  ———: Report of experiments with potatoes and oats, 2415
  Pettit: Thrips on oats, 5727
Obituary, commemorative of death of Mrs. L. M. Henderson, 5577
——— notice of Prof. A. A. Clark, 5578
Object-teaching
  Michigan. Dept. of public instruction: Sense training, 3433
O'Brien, F. A.
  Diocese of Detroit, 5579
  Forgotten heroines, 5580
  Michigan. Historical commission: Names of places of interest on Mackinac Island, 3800
  "Le père juste," 5581
  Two early missionaries to Indians, 5582
———, L. M.
  Michigan. University. Class of 1858: "Class of fifty-eight," 5249
Oceana Beach association
  [Description], 5583
Oceana county
  Hartwick: Oceana co. pioneers and business men of today, 2069
  History, 2161
  Map, by U. S. Postoffice dept., 7544
  Ogle & co.: Standard atlas, 7545
  Topographical map, by F. W. Beers & co., 7543
O'Connell, J. P.
  Seeing Detroit, 5584
Odd fellows, see Independent Order of Odd Fellows
O'Flynn, C.
  [Abstract of titles to land in Detroit], 8506
  Mss., 8052, 8166
Ogemaw county
  Gregory: Preliminary report, 1990
  Leach: Ancient forts, 2698
  Township map, by C. L. Smith, 7546
Ogle, G. A., & co.
  Standard atlas of Allegan co., 7412
  ——— ——— — Antrim co., 7416
  ——— ——— — Arenac co., 7417
  ——— ——— — Barry co., 7419, 7421
  ——— ——— — Benzie co., 7424
  ——— ——— — Branch co., 7430
  ——— ——— — Calhoun co., 7436
  ——— ——— — Cass co., 7438
  ——— ——— — Clinton co., 7445
  ——— ——— — Delta co., 7447
  ——— ——— — Hillsdale co., 7464

OGLE, G. A., & Co.—Continued
  ——— ——— — Ionia co., 7473
  ——— ——— — Jackson co., 7482
  ——— ——— — Kalamazoo co., 7487
  ——— ——— — Kent co., 7498
  ——— ——— — Livingston co., 7517
  ——— ——— — Macomb co., 7519
  ——— ——— — Menominee co., 7524
  ——— ——— — Midland co., 7527
  ——— ——— — Monroe co., 7530
  ——— ——— — Muskegon co., 7536
  ——— ——— — Newaygo co., 7539
  ——— ——— — Oceana co., 7545
  ——— ——— — Ottawa co., 7549
  ——— ——— — Saginaw co., 7554
  ——— ——— — St. Clair co., 7557, 7559
  ——— ——— — Shiawassee co., 7570
  ——— ——— — Van Buren co., 7574
  ——— ——— — Washtenaw co., 7580, 7583
Ogontz
  Polk & co.: Directory, 5767
O'Hara, J.
  Sibley: Mss., 8173
  See also U. S. Army. Commissary dept.
Ohio-Erie boundary
  McGrane: Evolution of, 2832
Ohio-Michigan boundary, see Michigan. Boundaries; Ohio. Co-operative topographic survey; Ohio. Governor; Ohio. Legislature.
Ohio
  Co-operative topographic survey
    Ohio-Michigan boundary, 5585
  Description and travel
    Bradley: Journal, 426
    Miller: New states and territories, 5445
    Morris: Journal, 5486
  Governor
    Message at 2d sess. of 33d assembly, 5586
    Special message in pursuance of act making appropriation to defray expense of carrying into effect laws in regard to northern boundary, 5587
  Historical and philosophical society
    Gallagher: Facts and conditions of progress in Northwest, 1781
  History
    Burnet: Notes on early settlement of Northwest Territory, 498, 499
    Mitchener: Ohio annals, 5464
    Ryan: From charter to constitution, 6059
    Whittlesey: Gen. Wadsworth's division, War of 1812, 6917
  Legislature
    Report of joint select committee to whom were referred governor's message and accompanying documents on northern boundary, 5588
    Resolutions on northern boundary, 5589

OHIO—Continued
Ohio and Maumee's branch railroad co.
Michigan. Legislature. House. Committee on internal improvement: Report of committee to whom was referred proposition of agents of, 4108
[Ohio, Quincy and Grand Haven railroad co.]
[The O. Q. & G. H. railway; will it pay?], 5590
Ohio railroad co.
Michigan. Board of internal improvement: Communication accompanying certain requests and propositions from, 3180
Primaries
Michigan. Political science association: Papers and addresses on primary reform, 4794
Valley
Blanchard: Discovery and conquests of Northwest, 385
Dana: Geographical sketches on western country, 908
Drake: Making of Ohio valley states, 1547
Fernow: Ohio valley in colonial days, 1680
Flint: Letters, 1711
McKnight: Our western border, 2838
Peck: New guide for emigrants to West, 5690, 5691
Perkins: Annals of West, 5704-5708
Peyton: Over the Alleghanies and across the prairies, 5729
Roosevelt: Episodes from Winning of West, 6017
————: La Conquete de l'Ouest, 6018
————: Winning of West, 6021-6025
Slocum: Ohio country between 1783 and 1815, 6258
Steele: Summer journey in West, 6390
Oil
Averill: Inspection of illuminating oil, 164
Kedzie: Historical review of legislation relating to inspection of illuminating oil in Mich., 2475
———: Illuminating oils, 2476
Michigan. Laws, statutes, etc.: Acts creating inspection of illuminating oils, 3917
————. State board of health: Memorial concerning illuminating oils, 4899
————. ———————————: Protection of life from dangerous illuminating oils, 4913
————. State inspector of illuminating oils: Report, 4988
Winchell: Oil region of Mich., 6985
Old club
The old club of Detroit, 5591
OLD MACKINAW
Fox: Betty of Old Mackinaw, 1742
Strickland: Old Mackinaw, 6431
See also Mackinac; Michilimackinac
— **national bank**
Dictionary of Grand Rapids, 5592
General letter on trade conditions, 5593
— **Northwest,** see Northwest, Old
— North-west leaflets, 5594
— **settlers' mining co.**
Articles of association, 5595
— **times**
Bagley: Old times, 170
Olds, S. S.
Detroit tribune: [New Year's greetings], 1489
Oliver, D. D.
Centennial history of Alpena co., 5596
Olivet
Charter, 5597
College
Addresses at inauguration of Rev. H. G. Butterfield, 17
Bulletin, 5598
Exercises and addresses at dedication of new library building, 5599
———— connected with observance of 25th anniversary, 5600
History, 2164
Hosford: Memorial, 2209
Morrison: Memorial address at laying of corner-stone of south hall, 5487
Olivet college catalogue, 5601
Williams: History, 6959
Olmsted, Frank L.
Roosevelt: Episodes from Winning the West, 6017
————, **Frederick L.**
Conditions in Detroit, 5602
Detroit. City plan and improvement commission: Conditions in Detroit, 1094
Improvement of Detroit, 5603
Park for Detroit, 5604
Olney, J.
Michigan, Wisconsin and part of Iowa, 7204
O'Malley, J. P.
Manistee city and county directory, 5605
Omena resort
[Detroit and Cleveland steam navigation co.]: Omena resort, 1402
Ontario
Alexander: Log of North shore club, 41
Ontonagon and state line railroad
Britton and Gray: Ontonagon and state line land grants in Mich., 443
[Sibbald]: True history of certain fraudulent land entries within Ontonagon and state line railroad grant, 6242
———— **boulder**
Moore: Ontonagon copper boulder, 5480
———— **county**
Farm and business directory, 1635
History of silver mines in Iron River District, 2152

ONTONAGON HARBOR
  Preliminary chart of Ontanagon [Ontonagon?] Harbor, by U. S. War dept., 7951
  Sketch, by T. S. Thompson, 7952
Onions
  Halligan: Onion culture, 2019
  See also Vegetables
Optometry
  Michigan State board of examiners in optometry: Annual report, 4879
Oracle, The, 5606
Orchard Lake
  Dau's blue book, 913
  Leggett: Me-nah-sa-gor-ning, a legend, 2714
Orchards and vineyards
  Eustace: Cover crops for, 1615
  [———]: Winter vetch for a cover crop, 1619
  Michigan. Laws, statutes, etc.: Mich. laws for protection, 3918
  Taft: Apple orchard, 6452, 6453
  [——]: Frozen trees, 6456
  ——: Legislation relating to insects, 6461
  ——: [Orchard] spraying, 6467
  ——: Pests of orchard and garden, 6469
  White: Suggestions on planting orchards, 6898
Orcutt, W. D.
  Burrows of Mich., 5607
Order of De Molay, see De Molay, Order of
Order of the descendants of colonial governors. Michigan
  Roll of members, 5608
Ordinance of 1787
  [Haight]: Binding effect, 2011
  Merriam: Legislative history, 2957
  Poole: Early Northwest, 5801, 5802
  ——: Ordinance of 1787, 5803, 5804
  Stone: Ordinance of 1787, 6416
  See also Northwest, Old
Ornithological club, see Michigan. Ornithological club
Ornithology
  Cook: Birds of Mich., 780, 781
Orphan asylum, see Protestant orphan asylum
Orr, R. K.
  Michigan. Insurance dept.: Accident fund, 3823
Ortmann, C. L.
  Wilkinson and Post: Mss., 8167
Osborn, C. S.
  Address at Republican state convention, 5609
  Detroit news tribune: Gov. C. S. Osborn's administration, 1467
  Michigan. Governor: [Messages and reports], 3774-3779
  Official railroad map of Mich., 7331, 7332
  ——— ——— —— — ——., by Railroad commissioner, 7338
  The "Soo," 5610
———, W. H.
  Farming, 5611
OSBORNE farm annual, 5612
Osceola consolidated mining co. of Mich.
  Report, 5613
Osceola county
  Ferguson: In circuit court of U. S., Tucker vs. Ferguson, 1677
  Hays: Atlas, 7547
  Portrait and biographical album, 5846
Oscoda
  Ordinances, 5614
Ossoli, S. M.
  Summer on the lakes, 5615
Ostrander, R. C.
  Civil government of U. S. and of Mich., 5616
Oswego canal
  Michigan. Legislature. Senate. Committee on state affairs: Report on project to levy unequal tolls on commerce through canal, 4688
Otis, C. H.
  Mich. trees, 5617
Otisville
  Polk & co.: Directory, 5768
Ottawa Beach
  Pere Marquette railroad co.: Ottawa Beach, 5702
——— county
  Berrien co.: [Papers relating to transfer of land in], 8242
  Everett: Memorials of Grand River valley, 1624
  History, 2165
  Map, by U. S. Postoffice dept., 7548
  —— of counties of Ottawa and Muskegon, by Geil and Harley, 7552
  —— — road system, by Board of county road commissioners, 7550
  Michigan. Legislature. Senate. Committee on state affairs: Report of committee to whom was referred petition for aid in construction of harbor, 4690
  Ogle & co.: Standard atlas, 7549
  Portrait and biographical record, 5842
  [Potts]: Historical and business compendium, 5857
  Sectional map, by Potts and Conger, 7551
——— Indians
  Blackbird: History of Ottawa and Chippewa Indians, 378
  [Petition of Ottawa Indians residing at L'Arbre Croche], 5618
  Wright: Stories of crooked tree, 7051, 7052
  See also Indians; Pontiac, Ottawa chief
Our churches, Detroit, 5619
Outdoor life
  Alexander: Log of North shore club, 41
  King: Trouting on Brulé River, 2531, 2532
  [Tateum]: "Before the blazing backlog," 6505
  See also Summer resorts

OVERFLOWED LANDS
Gillam: Effect on public health, 1808
See also Swamp lands

Overland motor co.
Overland road map, 8011

[Owen, C. W.]
First Mich. infantry, 5620

———, W. F. W.
Survey of River Detroit, 7962

Owosso
Directory
Polk & co.: Directory, 5781
Ladies' library and literary association
Articles of association, by-laws and catalogue of books, 5621
Young men's Christian association library [Catalogue], 5622

P. F. U. Rubber co.
Certificate stub-book, 8507
Letter book, 8508

Pacific railroad, see Elevated Pacific rail road

Packard motor car co.
The Packard, 5623

Paddock, L. H., see Alexander and Paddock

Page, Miss E.
Memorial, 2945

———, H. R., & co.
History of Bay co., 2149
——— — Lake Huron shore, 2157
——— — Lapeer co., 2158
——— — Manistee, Mason and Oceana counties, 2161
——— — Muskegon co., 2162
——— — Ottawa co., 2165
——— — Tuscola and Bay cos., 2172
Illustrated atlas of Winnebago and Boone cos., Ill., containing maps of Mich., Ind., [etc.], 7316
Map of Mich. and Wis., 7294
Traverse region, 6580

———, L. M.
Legendary lore of Mackinac, 5624

Pageants
Kolyn: Book of words of pageant of Hope, 2578
Pageant of Escanaba, 5625
Park: Pageant of old Detroit, 5639
Stevens: Book of words, pageant of Old Northwest, 6406
Winsor: Pageant of Saint Lusson, 6995

Paine, C.
History of iron rails on Mich. southern and northern Indiana, 5626

Painting
Bradish: Mss., 8197, 8199
See also Detroit. Museum of art

Palache, C.
Crystallization of calcite from copper mines of Lake Superior, 5627

PALEONTOLOGY
Foster: Report on geology of Lake Superior land district, 1737
Lane: Fossils of the Marshall and Coldwater, 2598
———: Geological report on Huron co., 2599
Leverett: Pleistocene of Indiana and Mich., 2725
Michigan. Geological survey: Reports, 3573
Rominger: Palaeontology, 6015
Winchell: Descriptions of fossils from Marshall and Huron groups, 6968
———: Descriptions of new species of fossils from Marshall group, 6969
———: Grand Traverse region, 6974
———: Notice of rocks lying between carboniferous limestones of Lower Peninsula, 6982
———: Notice of small collection of fossils from Potsdam sandstone of Wisconsin and Lake Superior sandstone of Mich., 6983
———: Notices and descriptions of fossils from Marshall group of western states, 6984

Palmer, A. B.
Ford: Memorial discourse, 1725
Memorial, 2941
Michigan. State medical society: President's address, 5068
———. University. Medical school: Memorial on female medical education, 5303
[Statement of relation of faculty of the school of medicine and surgery in U. of M. to faculty in homoeopathic college], 5629

———, A. F.
Palmer: Life of, 5631
Why go to college, 5628

———, E., see Ward and Palmer

———, F.
Early days in Detroit, 5630
Mss., 8200

———, F. and T.
Mss., 8200

———, G. H.
Life of A. F. Palmer, 5631

———, J., see Palmer family

———, S., see Palmer family

———, T.
Mss., 8153, 8176

———, T. W.
Burton: T. W. Palmer, 533
Cooper: Open letter, 826
Farnsworth: Proceedings, banquet to T. W. Palmer, 1670
Hackley public library: Dedication address, 2006
Mss., 8200, 8202
Mr. Thompson's school at St. Clair, 5632
"To the soldier dead," 5633

PALMER, W. B.
U. S. Dept. of labor: Mich. copper district strike, 6664, 6665
——— family
Detroit tribune: [Scrap-book, for genealogy], 1491
Mss., 8200
Palms, F.
Mss., 8133
Palmyra and Jacksonburg railroad
Michigan. Legislature. House. Committee on internal improvement: Report, 4109
———. Treasury dept.: Documents relative to loan, 5149
Petition from stockholders, 5634
Report, 5635
Palo
Polk & co.: Directory, 5772
Pan-American exposition commission, see Michigan. Pan-American exposition commission
Pangborn, J. G.
B. & O. red book for Mich., 5636
Panic of 1837
Wadsworth: Mss., 8177
Woodbridge: Mss., 8051
Parcels post
Detroit. Chamber of commerce: Parcel's post rates, 1056
Pardons
Michigan. Governor: Communication transmitting names of persons pardoned and reasons, 3666
———. ———: Communication in relation to granting, 3668
———. ———: Governor's message, 3669
———. ———: Pardons by R. A. Alger, 3731
———. ———: Pardons granted by J. J. Bagley, 3705, 3708
———. ———: ——— ——— — H. P. Baldwin, 3700
———. ———: ——— by J. W. Begole, 3726
———. ———: ——— — C. M. Croswell, 3713, 3717
———. ———: ——— — D. H. Jerome, 3724
———. ———: ——— — C. G. Luce, 3739
———. ———: ——— and commutations by Gov. Pingree, 3759
———. ———: ——— ——— ——— — J. T. Rich, 3744
———. ———: ——— by E. B. Winans, 3742
[———. ———: Special message], 3694
Paris, Mich.
Bailey's gazetteer and directory, including sketch and business directory, 186
PARIS, FRANCE
Exposition universelle, 1900
Michigan. State public school: Report to Paris exposition, 5104
Treaty of
McLaughlin: Western posts, 2852
Parish, J. C.
G. W. Jones, 5637
Lucas: Journal, 2776, 2777
———, W. H., publishing co.
Art work of Detroit, 5638
Park, J. S.
Pageant of old Detroit, 5639
—— and Meldrum
Mss., 8131
Parke, Davis & co.
Fifty years of manufacturing pharmacy and biology, 5640
Parker, A. A.
Trip to West and Texas, 5641
———, H.
Map of U. S. road from Detroit to Fort Gratiot as surveyed by, 8023
———, J. S.
Flint. Charters: Charter and ordinances, 1714
———, L.
Coroners and coroners' inquests, 5642
Legal and other measures for prevention of casualties, 5643
Meetings and expenses of township boards of health, 5644
Michigan. State board of health: Opinions relative to duties and compensation of health officer, 4902
Powers and duties of local boards of health, 5645
Public-health subjects before American social science association, 5646
Verification by health officer of diagnosis of diseases dangerous to public health, 5647
Parkman, F.
Conspiracy of Pontiac, 5648-5652
Parks, C. C.
Michigan. Legislature. Senate. Committee on claims: Report in relation to memorial, 4454
[Parmenter, E. L.]
School libraries, 5653
Parrish, I. H.
Speech before Grant club, 5654
———, R.
Sword of old frontier, 5655
Parsons, A.
Michigan. Governor: Message, 3661
———, Barclay & Klapp
Report on Detroit street railway traffic, 5656
Partnership associations
Michigan. Laws, statutes, etc.: Laws relating to formation, 3919
Part-paid bonds, see Bonds
Part taken by Essex co. in organization and settlement of Northwest Territory, 5657

PATHOLOGY
Michigan. University. Pathological laboratory: Contributions, 5311
Patrick, M. M.
Some damage by lake storm, 1913, 5658
Work of U. S. Lake survey office, Detroit, 5659
——— and Vrooman
Michigan. Legislature. Senate. Committee on internal improvement: Report on claim, 4535
Patriot war
Ross: Patriot war, 6033
Patrons of husbandry, see Michigan. State grange
Patten, A. J.
Analyses of miscellaneous materials, 5660
——— — some materials sold as insecticides and fungicides, 5661
Commercial feeding stuffs, 5662
Fertilizer analyses, 5663
Lime for agricultural purposes, 5664
Manufacture and storage of lime-sulfur spray, 5665
Pattengill, H. R.
Civil government of Mich., 5666-5670
Mich. cards, 5671
——. teachers' directory, 5426
Special day exercises, 5672
Pattison, G. W.
Munger: Memorial relative to appointment of state journal as state printer, 5505
———, J. W.
Opening of Hackley art galleries, 5673
Patton, J.
Address at unveiling of statue to A. Blair, 5674
Grant, Sherman, Farragut, Lincoln, 5675
Lincoln, Grant, Sherman, Farragut, 2744
———, ——., jr
Detroit tribune: [New Year's greetings], 1489
Wilson bill and Mich., 5676
Pauperism and crime in Mich., 5677, 5678
Paw Paw River
Van Buren co. Citizens: Proceedings of meeting at Paw Paw, [relative to revision of act for assessment and collection of taxes, extension or completion of Central road and improvement of Paw Paw River], 6735
Paxson, F. L.
Railroads of "Old Northwest," 5679
Payne, W. H.
Contribution to science of education values, 5680
Contributions to science of education, 5681, 5682
Historical sketch of public schools of Adrian, 5683
Relation between university and high schools, 5684
State uniformity in text-books, 5685
Peaceful valley farms
[Hamilton?]: Peaceful valley farms, 2028

PEACHES
Barden: Commercial peach growing, 225
Smith: Notes on disease known as "little peach," 6294
Taft: Peach and plum culture, 6468
See also Fruit and fruit culture
Pearse, A. S.
Crawfishes of Mich., 5686
Notes on crustacea recently acquired by museum, 5687
Peas, see Vegetables
Peat
Davis: Peat, 928
Robinson: Organic nitrogenous compounds in peat soils, 5990
Peattie, Mrs. E. W.
The beleaguered forest, 5688
Pebbles and pearls
DePuy: Pebbles and pearls, 950
Peck, G. W.
Memorial relative to state agricultural college, 5689
——, J. M.
A new guide for emigrants to the West, 5690, 5691
New guide to West, 5692
Perkins: Annals of West, 5706-5708
Peet, M. M.
Adams: Ecological survey, for papers by, 6, 7
Peirce, H. B.
History of Calhoun co., 2151
———, P. R. L.
P. R. L. Peirce; in memoriam, 5713
Pench Lake
Pench Lake sheet, by U. S. Geological survey, 7796
Pender, J.
History of Benton Harbor, 5693
Peninsular bank, see Banks and banking
——— club, Grand Rapids
[Constitution, by-laws and list of members], 5694
[Manual], 5695
——— Portland cement co.
[Prospectus], 5696
——— railway co.
Dibble: Prospectus, 1503
Port Huron and Chicago railroad line, 5819
Penmanship day
Pattengill: Special day exercises, 5672
Pennock, A. C.
Tuttle: Centennial Northwest, 6606
Penokee iron-bearing series
Irving: Penokee iron-bearing series, 2342, 2343
Pensions
Crittenden: Old age pensions, 8303
Pentwater Harbor
Poe: Annual report upon improvement of certain rivers and harbors, 5752
Pentwater
Oceana Beach association: [Description], 5583

PERE MARQUETTE RAILROAD Co.
Annual report, 5697
Dairying, 5698
Fishing and hunting in Mich., 5699
Holders of junior securities, 5700
Mich. east coast resort region, 7392-7394
Michigan. Legislature. Special joint committee: Report of committee to investigate business and affairs of, 4763
Mich. summer resorts, 5701
Northern Mich. resort region, 7390
Ottawa beach, 5702
Pointe aux Barques resort, 5703
See also Flint and Pere Marquette railway co.

Periodicals
Adrian college: The exponent, 28
—— ——: Repertory, 30
Albion college: Pleiad, 36
American schoolmaster (formerly Western journal of education), 83
Anishinabe enamiad, 94
Ann Arbor high school: Breeze, 127
—— —— —— ——: Omega, 131
Applegate: History of press in Mich., 151
Argonaut, 152
Bay View assembly: Bulletin, 291
Black fly, 380
Calvin college chimes, 559
Campus news notes, 574
Castalian, 614
Chronicle, 676
Civic affairs, 683
—— news, 687
Detroit. Board of commerce: Detroiter, 983
——. Board of health: Bulletin, 1020
—— club woman, 1423
—— free press: Short story of 82 years, 1450
——. High school: Argus, 1180
——. —— ——: Helicon, 1182
——, Home for the friendless: Home messenger, 1195, 1196
—— monthly, 1464
——. Museum of art: Bulletin, 1247
——. Public library: Bulletin, 1288
——. —— ——: Current periodicals, 1302
——. —— ——: Detroit public library bulletin, 1304
——. —— ——: Monthly bulletin, 1317
——. —— ——: Quarterly bulletin, 1325
—— united railway: Detroit united weekly, 1494
——. Woodward Avenue Congregational church: Our church, 1370
——. Young men's Christian association: Monthly bulletin, 1378
——. —— —— —— —— ——: Weekly bulletin, 1381
Foik: Mich. essay, 1723
Gargoyle, 1787

PERIODICALS—Continued
Grand Rapids. Board of health and poor commissioners: Monthly bulletin, 1866
—— —— eagle, 45th anniversary, 1949
—— —— furniture record, 1950
—— —— progress, 1954
Grove: Plan for better education through free newspapers, 1995
Hackley art gallery: Aesthetics, 2003
—— public library: Quarterly bulletin, 2008
Harper hospital: Bulletin, 2045
Hope college: Remembrancer, 2203
Hudson. Trinity Protestant Episcopal church: Church record, 2257
Industrial enterprise, 2292
Inlander, 2295
Kalamazoo college: College index, 2452
—— normal record, 2457
Michigan alumnus, 5361
——. Board of state building commissioners: Proceedings at laying of corner-stone [giving history of Mich. and list of newspapers and periodicals published in state], 3226
—— daily, 5390
——. Dept. of state. Division of vital statistics: Monthly bulletin, 3528
——. Federation of teachers' clubs: Bulletin, 3539
—— journal of education, 5405
—— libraries, 5406
——. Military academy: The adjutant, 4772
——. Ornithological club: Bulletin, 4783
——. Press association: Bulletin, 4803
——. State board of health: Engineering bulletin, 4894
——. —— —— — ——: Public health, 4914
——. —— —— — ——: Teachers' sanitary bulletin, 4933
——. State library: List of periodicals in general dept., 5042
——. —— ——: Quarterly bulletin, 5046
—— teacher, 5425
——. University: List of periodicals on file, 5192
—— university magazine, 5431
—— —— medical journal, 5432
——. University: University training for newspaper work, 5219
—— volksblatt: Goldenes jubilaüm, 5433
Newspaper cartoonists' association of Mich.
Gallery of pen sketches, 5540
Politician and public official, 5758
Schoolmaster, 6186
Searchlight, 6195
The state, 6378

PERIODICALS—Continued
State affairs, 6379, 6380
University of Detroit magazine; the tamarack, 6702
University, The, 6705
University castalia, 6706
——— chronicle, 6707
——— homoeopathic observer, 6708
——— of Michigan gothamite, 6714
——— — ——— newsletter, 6715
——— record, 6718
Van Leuven Browne national magazine, 6747
Western journal of education, 6870
Wolverine, The, 7004
Wrinkle, 7053
See also Michigan. Press association; Michigan. Woman's press association; Michigan. Woman's press club

Perkins, J. H.
Annals of West, 5704-5708

———, S.
Mss., 8182

Perkins
Polk & co.: Directory, 5767

Perring, F.
Button: Mss., 8152

———, G.
Button: Mss., 8152

Perry, B. M.
Lucinda Hinsdale Stone, 5709

———, G. R.
Grand Rapids. Mayor: Message, 1908

———, O. H.
Hunting expeditions, 5710

Perry's victory
Michigan. Dept. of public instruction: Perry memorial, 3412
See also Interstate board of Perry's victory centennial commissioners

Person, H. S.
Report on public archives of Mich., 5711, 5712

Personal liberty laws
Michigan. Legislature. House. Committee on the judiciary: Report relative to repeal of sections of, 4134, 4135

——— property
Bahlke: Chattel mortgage, 172

Peter, J. W.
J. W. Peter, 2380

——— R. L. Peirce; in memoriam, 5713

Peterman, A. L.
Elements of civil government, 5714

Peterson, R.
E. S. Dunster, 5715

Petitions
Michigan. Legislature. House. Committee on the judiciary: Report of committee instructed to inquire into constitutionality of sections of revised statutes, 4138

PETOSKEY
[Detroit and Cleveland steam navigation co.]: Where to spend summer, 1403
Directory
Polk & co.: Directory, 5763, 5782
Historical sketch, 2137
Northwestern summer institute, 5568
Public library
Annual report, 5716
Souvenir, 6358
Sprang: Petoskey and Little Traverse Bay, 6372

——— Harbor
Poe: Annual report upon improvement of certain rivers and harbors, 5752

Petroleum
Gordon: Reports on Port Huron oil field, 1829
Smith: Occurrence of oil and gas in Mich., 6310

Petrology
Brooks: Iron-bearing rocks, 449, 450
Lane: Geological report on Isle Royale, 2600
Michigan. Geological survey: Reports, 3573
Rominger: Marquette iron region, Menominee iron region, 6014
Williams: Greenstone schist areas of Menominee and Marquette regions, 6944

Pettibone, D. A.
City of Ann Arbor, 7608
Map of Saginaw and Tuscola with part of [other] counties, 7555

———, S.
City of Ann Arbor, 7609
Washtenaw co., 7576

Pettit, R. H.
Codling-moth, 5717
Foul brood, 5718
Insects injurious to apple, 5719
Insects new and unusual, 5720
——— of 1907, 5721
——— — field crops, 5722
——— — the garden, 5723
Mosquitoes, 5724, 5725
Some insects of year 1897-1901, 5726
Thrips on oats, 5727

———, W.
Remarks respecting the copper district of Lake Superior, 5728

Pewamo
Polk & co.: Directory, 5772

Peyton, J. L.
Over the Alleghanies and across the prairies, 5729

Pharmaceutical association, see Michigan. State pharmaceutical association

Pharmacy
Michigan. Laws, statutes, etc.: Pharmacy laws, 3920
Parke, Davis & co.: Fifty years of manufacturing, 5640
See also Detroit. Pharmacal co.

PHELIPEAU, P.
Carte générale des colonies Angloises dans l'Amérique septentrionale, 7114
Phelps, H.
Traveller's map of Mich., Ill., Ind. and Ohio, 7179, 7192, 7194
———, M. B.
F. Slocum, 5730
———, W. F.
Waterways convention: Sault Ste. Marie canal, 6817
——— free library, see Big Rapids. Phelps free library
Philadelphia Centennial exhibition
[Michigan. State board of centennial managers]: Catalogue of products, 4864
———. ——— ——— — ———
———: Report, 4865
Phillips, P. L.
Rare map of Northwest, 5731
———, R. C.
Mackinaw City, 7742
———, T. G.
Detroit. City plan and improvement commission: City tree planting, 1092, 1093
Phonetics
Michigan. Legislature. House. Committee on memorial concerning phonetics: Report, 4195
Photographic album, 5732
Photographs, see Detroit. Photographic co.
Physical education
Michigan. Dept. of public instruction: Games, 3390
———. ———. ——— ——— ———:
Physical training, 3413
———. ———. ——— ——— ———:
Suggestions, 3445
———. State normal college. Dept. of physical education: Suggestions for physical training, 5082
———. State teachers' association. Executive committee. Physical training section: Physical training for city schools, 5115, 5116
——— geography
Lyster: Study of climate and topography of Lower Peninsula, 2789
Transeau: Bogs and bog flora of Huron River valley, 6563
Physicians
Michigan. State board of health: Registration, 4916
Physicians', dentists' and druggists' directory, 5733
Ranney: List of regular physicians registered in Mich., 5920
Physics
Michigan. University. Physical laboratory: Contributions, 5312
PHYSICS AND SURGERY
Michigan. Legislature. House. Select committee: Report of committee to whom was referred memorials praying repeal or modification of statutes relative to practice, 4305
Pictures of South Haven, 5734
Picturesque iron and copper mining, 5735
Pidgeon, R. H.
Robinson: Atlas of Detroit and suburbs, 7646
———, W.
Traditions of De-coo-dah, 5736
Pierce, J. D.
Hoyt: J. D. Pierce, 2237
Memorial relative to establishment of female college, 5737
Piers
Patrick: Some damage by lake storm, 1913, 5658
Pierson, A. T.
Detroit post and tribune: Z. Chandler, 1469
Doric pillar of Mich., 5738
Pierson
Polk & co.: Directory, 5763
Polk, Murphy & co.: Directory, 5790
Pieters, A. J.
Plants of Lake St. Clair, 5739
Pierz, F.
O'Brien: Two early missionaries to Indians, 5582
Pilcher, E. H.
Protestantism in Mich., 5740
[Record of marriage certificates], 8509
———, J. E.
Life and labors of E. H. Pilcher, 5741
Pilgrim fathers
Cass: Address before New England society, 604
Pillsbury, P.
[Harford]: Short sketch of life and services of J. Walker, 2040
Pilot guides
Scates: Pocket cruising book for Lake Mich., 6149
Scott: Coast pilot for lakes, 6189
Trimble: Lake pilots' handbook, 6584
——— rules
U. S. Dept. of commerce and labor. Steamboat inspection service: Pilot rules for Great Lakes, 6663
Pine industry
Hill: Pine industry, 2116
Merwin: Whip hand, 2958
Pine lands and lumber trade, 5742
See also Lumbering
Pine Lake
[Map of] Pine Lake, by U. S. War dept., 7910
——— ——— (steamer)
Logbook, 8510
——— River
Poe: Annual report upon improvement of certain rivers and harbors, 5752

PINGREE, MRS. F. A.
Scrapbooks, 8511
——, H. S.
Address before Republican club of U. of M., 5743
Detroit. Mayor: Message, 1218-1223
Facts and opinions, 5744
Michigan. Governor: [Messages and pardons], 3748-3760
Scrapbooks, 8512
Pioneer day
Michigan. Dept. of public instruction: Pioneer day program, 3414, 3415
—— and historical society, see Michigan. Pioneer and historical society
—— life, see Frontier and pioneer life
——, a weekly newspaper, 5745
Piquette, C.
Mss., 8048
——, J. B.
Mss., 8048
Pitcher, Z.
Address to 1st graduates of medical dept., U. of M., 5746
Michigan. State teachers' association: Memorial, 5110
——. University. Board of regents: Memoir embracing epitome of transactions, 5230
Pitezel, J. H.
Historical recollections, 5747
Lights and shades of missionary life, 5748, 5749
Pitts, A. G.
Notes on early history of Freemasonry in Mich., 5750
Plank roads
[Map of] Detroit and Howell P. R., 8001, 8002
Michigan. Attorney general's office: Communication relative to plank roads, 3063
Trowbridge: Check stub-books, 8545
See also Detroit and Erin plank road co.; Detroit and Howell plank road co.; Detroit and Lake St. Clair plank road co.; Erin and Mt. Clemens plank road co.; Lansing and Howell plank road co.; Roads
Plants
Bordner: Influence of traction on formation of mechanical tissue in stems, 401
Cook: Grain plant louse, 788
——: Plant lice, 794
Pieters: Plants of Lake St. Clair, 5739
Sackett: Some bacterial diseases, 6061
Plaster industry, see Gypsum
Plat books
American atlas co.: Plat book of Hillsdale co., 7462
Hixson: Plat book of northern Mich., 7389
Weston: Plat book of Gogebic co., 7456
——: Plat book of Houghton co., 7465

PLATT, M. T.
Mich. state business directory, 5751
——, Z.
Michigan. Legislature. Senate. Committee on the judiciary: Report of committee to whom was referred petition, 4566
Pleading
Michigan. Laws, statutes, etc.: Judicature act, 3892
Plessis, J. O.
Extract from journal of pastoral visitation, 8513
Ploughboy (steamer)
Account book, 8514
Plums
Cook: Plum curculio, 796
Hedrick: Native plums, 2094
Taft: Peach and plum culture, 6468
Pneumonia
Baker: Causation, 192
See also Health
Poe, O. M.
Annual report upon improvement of certain rivers and harbors, 5752
Military order of the loyal legion of the U. S. Michigan commandery: Supplementary proceedings of regular monthly meeting, 5440
Poets and poetry
Michigan poets and poetry, 5409
——. State board of library commissioners: Poems arranged by grades, 4949, 4950
Pointe aux Barques
Pere Marquette railroad co.: Pointe aux Barques resort, 5703
—— —— —— resort association
Pointe aux Barques, 5753
Pointe aux Pins, 5754, 5755
Pokagon, [S.]
O-gi-mäw-kwê Mit-i-gwä-ki, 5756, 5757
Political parties, see Democratic party; Detroit. Politics and government; Michigan. History; Michigan. Politics and government; Michigan (Ter.) Politics and government; Republican party; Whig party
—— science association, see Michigan. Political science association
Politics
Bishop: Political situation, 375
Bugle blast, 484
Cass: [Mss.], 8290
Detroit post and tribune: Z. Chandler, 1469
Facts and arguments against election of Gen. Cass, 1629
Felch: Mss., 8154
Freeman's pamphlet, 1754
Greusel: Story of anti-ripper candidate, 1991
Harris: Public life of Z. Chandler, 2062
Larned: Mss., 8070
May: Political reform, 2929

POLITICS—Continued
Millspaugh: Party organization and machinery in Mich., 5454
Orcutt: Burrows of Mich., 5607
Osborn: Address at Republican state convention, 5609
Palmer: Mss., 8200
Pangborn: B. & O. red book for Mich., 5636
Pingree: Address before Republican club of U. of M., 5743
Politician and public official, 5758
Romeyn: Mss., 8061, 8075
Trowbridge: Mss., 8158, 8204
Wilkins: Mss., 8065
Williams: Mss., 8038, 8125
Woodbridge: Mss., 8051
See also Campaign literature; Democratic party; Detroit. Political Association; Detroit. Politics and government; Good government league, Grand Rapids; Michigan. Politics and government; Michigan (Ter.) Politics and government; Primaries; Republican party; U. S. Politics and government; Wayne county. Politics and government; Whig party

Polk, R. L., & co.
Ann Arbor, Ypsilanti and Washtenaw co. directory, 5759
Battle Creek city directory, 5760
Bay City directory, 5761
Benton Harbor, St. Joseph and Niles directory, 5762
Calumet, Houghton, Hancock and Laurium directory, 5764
Cheboygan city and county directory, 5765
Detroit city directory, 1421
Directory of Big Rapids, 5763
East Saginaw directory, 5766
Escanaba city and Delta county directory, 5767
Flint city and Genesee county directory, 5768
Grand Rapids city directory, 5769
Hillsdale city and county directory, 5770
Houghton co. directory, 5771
Illustrated historical atlas of Grand Rapids and Kent co., 7495
———— ———— ——— — Kent co., 7494
Ionia city and county directory, 5772
Jackson city and county directory, 5773
Kalamazoo city directory, 5774
Lansing city and Ingham co. directory, 5775
Ludington city and Mason co. directory, 5776
Manistee co. directory, 5777
Map of Detroit, 7657, 7659, 7673, 7683
——— — Grand Rapids and environs, 7720, 7721
Marquette city and county directory, 5778
Menominee directory, 5779

POLK, R. L., & Co.—Continued
Michigan state gazetteer and business directory, 5788
Muskegon city and county directory, 5780
Owosso city and Shiawassee co. directory, 5781
Petoskey city and Emmet co. directory, 5782
Port Huron city and St. Clair co. directory, 5783
Saginaw directory, 5784
Sault Ste. Marie city directory, 5785
Students' directory of U. of M., 5789
Traverse City and Grand Traverse co. directory, 5786
Wyandotte directory, 5787
See also Weeks and Polk

——, Murphy and co.
Grand Rapids directory, 5790
Jackson city directory, 5791

Pollock, J. B.
Michigan fungi, 5792

Pomological society, see Michigan. State horticultural society

Pond, A.
Detroit. Fire dept.: The fire dept., 1136
Michigan. University: Memorial, 5196

——, E. B.
Michigan. Legislature. Senate. Committee on privileges and elections: Report in contested case of Tyler vs. Pond, 4632, 4633
Tyler: Petition contesting seat for 7th senate district, 6612

——, S. E., & co.
Official atlas of Antrim co., 7415
New atlas and directory of Grand Traverse co., 7458

Pontiac, Ottawa chief
Crowley: Heroine of the Strait, 870
Ellis: Forest messengers, 1593
[——]: Pontiac, 1594, 1595
Ford: White captive, 1727
Gladwin: Mss., 1817
Heineman: Startling experience of Jewish trader during siege, 2100
Henry: Narrative of captivity, 2107
Hough: Diary of siege of Detroit, 2211
Journal of Pontiac's conspiracy, 2425
Ludlow: Onawago, 2778
[Macomb]: Pontiac, 2861
Mante: History of late war, 2876
Mss., 8515
Morris: Journal, 5486
Munroe: At war with Pontiac, 5507
Parkman: Conspiracy of Pontiac, 5648-5652
Poole: The West, 5805
Richardson: Wacousta, 5971, 5972
Rogers: Ponteach, 6007, 6008
Whitney: Pontiac, a drama of old Detroit, 6909
See also Detroit. History; Detroit. Siege

PONTIAC
- Annual report, 5793
- Area
  - U. S. Dept. of agriculture: Soil survey, 6662
- Board of education
  - Catalogue, 5794
  - Centennial report, 5795
- Charter, 5796-5799
- Coleman: Pontiac daily press, 740
- Dau's blue book, 913
- [Durant]: History of Oakland co., 1563
- Mill co.
  - Accounts, 8516
- Ordinances, etc.
  - Revised ordinances, 5800
- Pontiac and Detroit railroad co.
  - Michigan. Legislature. House. Committee on internal improvement: Report concerning petitions of, 4110
- ——— railroad co.
  - [Michigan. Attorney general's office: Report on indebtedness], 3075
  - [————. Auditor general's office: Reply to resolution asking about mandamus to deliver up bond as security to mortgage], 3126
- Quadrangle map, see Quadrangle maps

——— **state hospital,** see Michigan. Pontiac state hospital

Poole, W. F.
- Early Northwest, 5801, 5802
- Ordinance of 1787, 5803, 5804
- West, 5805

———**, Lieut.**
- Survey of road route from Saginaw to Mackinac, 8015

Poor
- Michigan. Charities and corrections, 3245
  - ————. Dept. of state: Abstract of reports of superintendents of poor, 3465
  - ————. ———. ————: Annual abstract of reports of superintendents of poor, 3467
  - ————. Laws, statutes, etc.: Laws relating to support of poor persons, 3921
  - ————. State association of the superintendents of the poor: Annual convention, 4856
  - ————. ——— ———— —— —— —— ——— ——— ———: Proceedings of annual convention, 4855
  - ————. State board of corrections and charities: Charities and corrections, 4867
  - ————. ——— ——— —— ———— —— ————: Special report, 4870
- Pauperism and crime in Mich., 5677, 5678
- Wayne county. Superintendents of poor: Annual report, 6833
- Wyman: The poorhouse, 7056

Poppleton, A. J.
- Address, 5806

Population, see Michigan. Census; U. S. Bureau of the census

PORK
- Brown: Pork production, 467

Portage Lake
- [Map of] Portage Lake, by U. S. War dept., 7911, 7912

——— ——— **district**
- Cross sections near Portage Lake, by Mich. geological survey, 7799
- Map to accompany cross sections, by Mich. geological survey, 7798

——— ——— **River**
- Portage Lake and River, by U. S. War dept., 7911
- Portage River, by U. S. War dept., 7978

Porter, B.
- Michigan. Legislature. House. Committee on claims: Report of committee to whom was referred claim for materials furnished to, 4007
  - ————. ————. ———. ——— ——— ————: Report of committee to whom was referred petition, 4010
  - ————. ————. ————. Committee on the accounts of B. Porter: Report, 4196
  - ————. ————. ————. Committee on state affairs: Report of committee to whom was referred memorial [for further remuneration for services in construction of capitol buildings], 4235
  - ————. ————. ————. Select committee: Report of committee to investigate accounts, 4341

———**, D. D.**
- Michigan. Legislature: Memorial proceedings, 3961

———**, E. D.**
- Business directory of Barry co., 5807

———**, F. B.**
- Mss., 8517

———**, G. F.**
- Norton: Mss., 8107
- See also Joy and Porter

———**, H. H.**
- H. H. Porter, 5808

———**, L.**
- Letter relative to report on memorial of freeholders of 9th ward, Detroit, 5809

Port Huron
- Charter, 5810-5814
- Common council
  - Proceedings, 5815
- Directories
  - Brown: City directory of, 455
  - Meech: Port Huron and St. Clair co. directory, 2935
  - Polk & co.: Directory, 5783
  - Sherman co.: Port Huron and Fort Gratiot directory, 6230
  - Wolverine directory co.: Port Huron city directory, 7007
  - ———— ———— ——.: St. Clair co. directory, 7008
- Ladies' library association
  - Catalogue, 5816

PORT HURON—Continued
Oil field
Gordon: Reports, 1829
[Ordinances], 5817
Port Huron and Chicago railroad line, the shortest northern and central route, 5819
—— ——— —— Lake Mich. railroad co.
Charter, 5820
Dibble: Prospectus, 1503
Emmons: Mss. 8092
New railway outlet from Chicago to seaboard, 5821
Port Huron and Chicago line, 5819
Steele: Port Huron and Lake Mich. railroad co., 6391
—— ——— —— Lansing railroad
Michigan. Attorney general's office: Opinion on whether bill authorizes delivery of bonds voted by Flint, 3066
—— ——— —— Milwaukee railway co.
Map, 8012
Petition for grant of lands, 5822
Romeyn and Lockwood and Clarke: Mss., 8046
Public library
18th annual report, 5818
Real estate
Holbrook: Mss., 8196
—— ——— **times-herald**
Eastern Mich., 5823
—— ——— **Harbor**
U. S. War dept.: Letter transmitting report on preliminary examination, 6692
Port Kalamazoo
[Map of] Port Kalamazoo, by L. Judson, 7953
Portland
Polk & co.: Directory, 5772
——— **cement**
Hale: Marl, 2012
Russell: Portland cement industry in Mich., 6051
See also Peninsular Portland cement co.
——— ——— **association**
Concrete roads of Wayne co., 5824
Portrait and biographical album of Barry and Eaton cos., 5825
——— —— ——— record of Berrien and Cass cos., 5826
——— —— ——— album of Branch co., 5827
——— —— ——— ——— — Calhoun co., 5828
——— —— ——— ——— — Clinton and Shiawassee cos., 5829
——— —— ——— record of Genesee, Lapeer and Tuscola cos., 5830
——— —— ——— album of Gratiot co., 5831
——— —— ——— ——— — Hillsdale co., 5832
——— —— ——— ——— — Huron co., 5833
PORTRAIT and biographical album of Ingham and Livingston cos., 5834
——— —— ——— ——— — Ionia and Montcalm cos., 5835
——— —— ——— ——— — Isabella co., 5836
——— —— ——— ——— — Jackson co., 5837
——— —— ——— ——— — Kalamazoo, Allegan and Van Buren cos., 5838
——— —— ——— ——— — Lenawee co., 5839
——— —— ——— ——— — Mecosta co., 5840
——— —— ——— ——— — Midland co., 5841
——— —— ——— record of Muskegon and Ottawa cos., 5842
——— —— ——— ——— — northern Mich., 5843
——— —— ——— album of Newayco [Newaygo] co., 5844
——— —— ——— ——— — Oakland co., 5845
——— —— ——— ——— — Osceola co., 5846
——— —— ——— record of Saginaw and Bay cos., 5847
——— —— ——— album of St. Joseph co., 5848
——— —— ——— ——— — Sanilac co., 5849
——— —— ——— ——— — Washtenaw co., 5850
——— of D. Houghton, 5851
Portsmouth
DeLisle: Directory for 1868-9, 943
Post, H.
Michigan. Courts: Revised rules, 3338, 3339
———. ———: Rules of practice, 3340
———. Supreme court: Abstract of decisions rendered at Jan. term, 1875, 5121
Scrapbook of Wayne co. circuit court reports, 8518
See also Wilkinson and Post
Postal service
U. S. Postoffice dept.: Scheme of city distribution for use in postoffice at Detroit, 6679
—. —. ——— ———.: Scheme of city distribution for use in postoffice at Grand Rapids, 6680
—. —. Railway mail service: Scheme of Mich., 6686
Wyandotte publishing co.: Souvenir Wyandotte postal guide, 7054
Postiff, W.
Cucumbers as a cash crop, 5852
Postoffices
Map of U. S. exhibiting post roads, situations, connexions and distances of postoffices, by A. Bradley, jr., 7128

POSTOFFICES—Continued
New railroad, postoffice and county map of Mich., by National publishing co., 7330
Railroad and postoffice map of Wis. and Mich., by H. H. Lloyd & co., 7274
Wolverine state, by Haskell bros., 7298
Post routes
Post route map of Mich. and Wis., by U. S. Postoffice dept., 7272, 7301, 7308, 7336, 7349, 7350, 7356, 7361, 7366
—— ——— ——— — Ohio and Ind., with parts of Pa., Mich., Ill., Ky. and W. Va., by W. L. Nicholson, 7302
[**Postum cereal co. Advertising dept.**]
[Journey through factories], 5853
Potatoes
Bissell: Mss., for prices and shipments of, 8060, 8100
Coons: Potato diseases, 820
Davenport: Pigs. Potatoes, variety tests, 924
[Eustace]: Potato culture, 1616
Harwood: Potatoes, 2073, 2074
Johnson: Potato culture, 2412
————: Potatoes, roots, 2413
————: Report of experiments with, 2415
McCue: Spraying for potato blight, 2826
Michigan. Dairy and food commissioner: Foods, 3347
————. Public domain commission: Report on feasibility of using pulp and chicory dryers to dry surplus potato crop, 4815
Taft: Potatoes, 6470, 6471
——: Potatoes and potato scab, 6472
——: Potatoes, vegetable tests, 6473
——: Potato tests, 6474
——: Tomatoes and potatoes, 6487
Waid: Potato growing, 6781
———: Standardization and group classification of potato varieties, 6782
———: Suggestions for growing potatoes, 6783
See also Vegetables
Potawatomi Indians
[illegible], 8519
Edmonds: Disturbance at Potawatamic payment, 1576
Sibley: Mss., 8185
See also Indians
Potier, P.
Jesuit ms., 5854
Potter, W. W.
History of Barry co., 5855
Michigan's first justice of the peace, 5856
[**Potts, H.**]
Historical and business compendium of Ottawa co., 5857
——— **and Conger**
Sectional map of Ottawa co., 7551
Poultry
Bissell: Mss., for prices and shipment, 8060, 8100
POULTRY—Continued
Burgess: Small poultry house and hints on poultry raising, 497
Halpin: Poultry raising, 2023
Smith: Some experiments, 6285
——— **breeders' association,** see Michigan. Poultry breeders' association
Powell, L. P.
Historic towns of western states, 5858
———, **W. D.**
Riddell: 1st judge at Detroit and his court, 5979
Power, E. L.
First selection of 500 children's books, 5859
Selected list of children's books for school libraries, 5860
Powers, J. M.
Mich. law of marriage and divorce, 5861
———, **P. F.**
History of northern Mich., 5862
Mich. central railroad co. vs. P. F. Powers, 5863
Numerous railroad cos. vs. P. F. Powers, 5864
———, **O. W.**
Puterbaugh: Chancery pleading and practice, 5895
Poweting
[Gilbert]: "Tale of two cities," 1807
Pownall, T.
New and correct map of North America, 7107
New map of North America, 7113
Prairie du Chien
Atwater: Indians of Northwest, or remarks made on tour to, 160
Blanchard: Discovery and conquests of Northwest, 386
Pratt, F.
Historical sketch of early Masonry in Mich., 5865
——, **Mrs. P. M. C.**
Michigan. Pioneer and historical society: "Shells of the ocean," 4791
Pray, F. H.
Washtenaw co. directory, 5866
Preemption law
Michigan. Legislature. Senate. Committee on state affairs: Report relative to passage by Congress of law, 4683
Preferential voting, see Elections
Prehistoric mining
[Hager]: Ancient mining on shores of Lake Superior, 2010
Prentice, M. H.
Power: Selected list of children's books for school libraries, 5860
Prentis, J.
Mss., 8056
Presbyterians
Cooper: Address on dedication of 1st house of worship in Saginaw valley, 822

PRESBYTERIANS—Continued
- [———]: Extracts from Monteith Journal concerning introduction of gospel in Michigan, 823
- [———]: [History and financial statement at rededication of Memorial Presbyterian church], 824
- ———: In memoriam, 2303
- ———: Life of David Bacon and Alice Parks Bacon, 825
- ———: Plea for smaller college, 828
- Detroit
  - Churches
    - History and directory of churches of Detroit, 2141
    - Our churches, Detroit, 5619
    - See also name of church under Detroit
  - First Presbyterian church
    - Articles of faith and covenant, 1152, 1153
    - Catalogue of Sunday school library, 1154
    - Dedicatory services, 1155
    - Directory, 1156
    - Exercises at laying of corner-stone, 1157
    - Manual, 1158
    - Records, 8317
    - Remonstrance against division of school fund, 1159
    - Report of helping hand society, 1160
    - Roll of members, 1161
    - Subjects for young people's meetings, 1162
  - First United Presbyterian church
    - Handbook, 1163
  - Fort Street Presbyterian church
    - Directory, 1165
    - Fiftieth anniversary discourse, 1166
    - Manual, 1167
    - Records of 25th anniversary, 1168
    - Three score and six, 1169
  - Jefferson Avenue Presbyterian church
    - Dedicatory services, 1207
  - Memorial Presbyterian church
    - [Cooper: Historical and financial statement], 824
    - Dedicatory services, 1235
    - Pastor's New Year's greeting, 1236
    - Twenty-fifth anniversary, 1237
  - Presbyterian alliance, see Presbyterian alliance of Detroit
  - Westminster Presbyterian church
    - Programme for amateur concert, 1360
    - Services at celebration of twenty-fifth anniversary, 1361
- Grand Haven
  - Presbyterian Sunday school
    - History, 2166
- Grand Rapids
  - Churches
    - Moerdyk: History, 5465
- Lansing
  - Franklin Street Presbyterian church
    - Church manual, 2648

PRESBYTERIANS—Continued
- Michigan. University: Tappan Presbyterian association, 5216
- Presbyterian alliance of Detroit
  - Twenty-fifth anniversary of incorporation, 5867
- Presbyterian church. Synod of Michigan
  - Minutes of annual meeting, 5868
  - Synod of Michigan and state university, 5869
- Presbyterian pulpit, 5870
- See also Alma college; Biographical sketches; Biographies; Missions and missionaries; name of institution, local church or organization

Prescott, A. B.
- A. B. Prescott, in memoriam, 33

———, G. A.
- Michigan. Constitution: Constitution, 3307

Presidential primaries, see Primaries

Presque Isle Harbor
- Chart, by U. S. War dept., 7947
- Harbors of refuge, by U. S. War dept., 7954-7956

Press
- Carton: What press can do in development of Mich., 588
- Chase's, Dr., steam printing house, 650
- Coleman: Pontiac daily press, 740

——— **association,** see Michigan. Press association; Michigan. State press association; Michigan. Woman's press association; Northwestern Michigan press association

——— **club,** see Michigan. Woman's press club

Preston, L. D.
- Map of Lansing, 7741

———, N. K.
- Library institutes, 5871

——— national bank of Detroit
- Buxton: Bank book, 8275
- Preston national bank of Detroit, 5872

Price, W. H.
- Status of mouth hygiene in preventive medicine, 5873

Prickley lettuce
- Wheeler: Prickley lettuce, 6886

Primaries
- Michigan. Laws, statutes, etc.: Laws relating to primary elections, 3922
- ———. Political science association: Papers and addresses on primary reform, 4794
- ———. State library. Legislative reference dept.: Laws relating to presidential primaries, 5058
- Warner: Nomination of candidates by direct vote, 6804
- See also Detroit. Elections; Elections

Primary education
- Michigan. Laws, statutes, etc.: Statutes relating to primary schools, 3926
- Putnam: Development, 5898

PRIMARY SCHOOLS

Mayhew: Statutes, 2934

Michigan. Governor: Special message in relation to suspending distribution of public moneys, 3621

———. Legislature. House. Committee on education: Report, 4026

———. ———. ———. ——— ——— — ———: Report [relative to petition for adding university fund to common school fund], 4036

———. ———. Senate. Committee on supplementary bill to primary school law: Report, 4595

———. ———. ———. Committee on public instruction: Report of committee to whom was referred part of governor's message relating to, 4638

Nevins: Protest against bill to provide for county superintendents of schools and to amend or repeal sections of primary school law, 5537

Sharp: Speech in favor of bill to change swamp land fund to primary school fund, 6208

See also Education; Schools

Printing

Michigan. Legislature. Joint committee: Report of committee to receive proposals, 4401

See also Michigan. Legislature. House. Committee on printing; Michigan. State printing

Prison industries, see Michigan. Board of prison industries

Prisons

Barbour: Jails, 220-222

Barnes: Prison system of Mich., 228

[———]: Prisons self-supporting, 229

DePuy: Pebbles and pearls, 950

Michigan. Charities and corrections, 3245

———. Dept. of state: Abstract of reports of sheriffs relating to jails, 3464

———. Joint prison and affiliated boards: Proposed prison legislation, 3827

———. State board of corrections and charities: Biennial report, 4866

———. ——— ——— —— ——— ——— ———: Charities and corrections, 4867

———. State board of inspectors of penal institutions: 1st biennial report, 4938

Seymour: Remarks on bill for establishment of prison of infamy, 6204

Storrs: Correctional work in Mich., 6418

———: Penological hints, 6420

See Michigan. Legislature. House. Committee on the state prison; Michigan. State house of correction and branch of state prison in Upper Peninsula; Michigan. State prison

PRITCHETTE, K.

Michigan. Bank commissioners: Report relative to Macomb co. bank, 3159

———. ——— ———: Report relative to specie certificates, 3160

———. Legislature. Senate. Committee on finance: Report of committee to whom was referred letter enclosing letters relative to negotiation with Morris canal and banking co., 4495

[Pritts, J.]

Abentheuerliche ereignisse aus dem leben der ersten ansiedler der mittleren und westlichen staaten, 5875

Incidents of border life, 5874

Private claims

Plan of private claims in Mich. Territory, surveyed by A. Greeley, 7860

Private claims at Michilimackinac surveyed by J. Mullet, 7861

Prize essays, see Michigan. Historical commission

Probate law and practice

Beecher: Mich. law and procedure in probate courts, 331

Chatterton: Probate law, 651

Cheever: Law and practice of probate courts, 655-657

Probation system

Michigan. Commission on vagrancy, disorderly conduct, habitual drunkenness, etc.: Minor offenses, 3268

Proceedings of forestry convention in Grand Rapids, 5876

———, unveiling ceremonies of Mason monument, 5877

Procter, H.

Regulations of civil government of Territory of Mich., 8520

Professor J. Estabrook, memorial services 5878

Profit-sharing

Detroit evening news: Investigation of Ford profit-sharing, 1442

Ford motor co.: Helpful hints to employes, 1731

Prohibition

Adams: Treatise on prohibitory liquor law of Mich., 11

Alabaster: Answer to recent pleas for traffic and use of intoxicating beverages, 32

Dennis: Petition that sale of liquor may be prohibited by law, 948

Michigan. Legislature. House. Committee on the judiciary: Minority report of committee to whom was referred petitions for restoration of provisions of prohibitory liquor law, 4136

———. ———. Senate. Select committee: Report of committee to whom has been referred petitions in favor of law prohibiting manufacture of intoxicating beverages, like law in Maine, 4728

PROHIBITION—Continued
———. ———. ———. ———
————: Report of committee to whom was referred bill prohibiting manufacture of intoxicating beverages and traffic therein, 4729
Morton: Prohibition, 5488
Smart: Funeral sermon of Maine law, 6260
———: Political duties of Christian men and ministers, 6261
———: Whisky war in Adrian, 6263
Williams: Prohibition and woman suffrage, 6936
See also Liquor; Temperance

———— **party**
Williams: Prohibition reform party, 6937, 6938

Promissory notes
Bates: Negotiable instruments law, 239
See also Business mss.

Property
Michigan. Attorney general's office: Communication relative to constitutionality of bill establishing police regulations for preservation of property on railroad lines, 3058
————. Auditor general's office: Communication showing amount of property on which specific taxes were paid, 3114

[**Proposition** for purchase of southern railroad], 5879

Prostitution
Wright: Ella, 7046

Protestant Episcopal church
Diocese of Michigan
Bishop's convention address, 5880
Fox: Examination of case of church discipline, 1741
Gillespie: Manual, 1809
Journal of proceedings of annual convention, 5881
Journal of special conventions, 5882
Letter book, 8521
Report of committee on state of church, 5883
Trowbridge: History of Episcopal church in Mich., 6589
————: Mss., 8109
[————]: Tributes to his memory, 6590
Williams: 2d annual address at 47th annual convention, 6940
Diocese of western Michigan
Constitution and canons, 5884
Journal of proceedings of annual convention, 5886
——— — ——— — primary convention, 5885
See also Biographical sketches; Biographies; M'Coskry, S. A.; name of institution, local church or organization

PROTESTANT ORPHAN ASYLUM, DETROIT
Askin: Mss., 8037
Burton: Protestant orphan asylum, 8273
Register of transactions of Female benevolent society, 8522
Year book, 5887

Protestant Methodists, see Adrian college; Methodist Episcopal church

Protestants
[Cooper]: Extracts from Monteith journal concerning introduction of gospel in Mich., 823
Pilcher: Protestantism in Mich., 5740

Provident building, loan and savings society, 5888

Pruden, M. M.
Bards and co's. business directory of Grand Rapids, Saginaw, Bay City, Muskegon, etc., 226

Prudden, T. P.
Sermon at dedication of Plymouth church, Lansing, 5889
Twenty years history of Plymouth church, Lansing, 5890

———**, W. K.**
Corporate excess tax plan, 5891

Pruning
Hood: Laboratory manual, 2199

Psychopathic hospital, see Michigan. State psychopathic hospital

Public domain commission, see Michigan. Public domain commission

—— **improvements**
Michigan. Legislature. Senate. Select committee: Report, 4721

—— **health,** see Health; Michigan. State board of health

—— **instruction,** see Michigan. Dept. of public instruction

—— **lands**
Chilton: State claims Northwest Territory, 671
[Hinsdale]: Three important documents relative to western land cessions, 2134
Michigan. Governor: Special message [transmitting copy of resolutions of Kentucky concerning], 3619
————. ————: Special message accompanying joint resolutions of Alabama in relation to distribution of proceeds of sales, 3635
See also Land; Michigan. Legislature. House. Committee on public lands; Michigan. Public domain commission; Railroad lands; U. S. General land office; U. S. Land; U. S. Land office, Detroit

—— life of L. Cass, 5892

—— **school,** see Michigan. State public school; Schools

Puddefoot, W. G.
Hewers of wood, 5893

Puddleford papers
Riley: Puddleford papers, 5982

PUERPERAL FEVER
  Michigan. State board of health: Relative to, 4919
Pumpelly, R.
  Copper district [of Upper Peninsula], 5894
  Michigan. Geological survey: Upper Peninsula, 3576
Punishment
  Barbour: Indeterminate sentence, 219
  Storrs: Penological hints, 6420
  Wayne county. Grand jurors: Presentment relative to house of refuge, 6829
Puterbaugh, S. D.
  Chancery pleading and practice, 5895-5897
Putnam, D.
  Development of primary and secondary education ,5898
  History of Mich. state normal school, 5899
  School geography of Mich., 5900
  Sketch of history of Mich. state teachers' association, 5901
———, E.
  In memory of, 2316
———, R.
  Crawford: R. Putnam and his pioneer life in Northwest, 859
Pythias, see Knights of Pythias

Quadrangle maps
  Ann Arbor quadrangle, by U. S. Geological survey, 7756-7759
  Chesaning quadrangle, by U. S. Geological survey, 7766
  Crystal Falls quadrangle, by U. S. Geological survey, 7767
  Detroit folio, Wayne, Detroit, Grosse Pointe, Romulus and Wyandotte quadrangles, by W. H. Sherzer, 7769
  ——— quadrangle, by U. S. Geological survey, 7768
  Dexter quadrangle, by U. S. Geological survey, 7770
  Fowlerville quadrangle, by U. S. Geological survey, 7774
  Grand Rapids quadrangle, by U. S. Geological survey, 7775
  Grosspoint quadrangle, by U. S. Geological survey, 7776
  Houghton quadrangle, by U. S. Geological survey, 7777
  Howell quadrangle, by U. S. Geological survey, 7779, 7780
  Iron River quadrangle, by U. S. Geological survey, 7782
  Lansing quadrangle, by U. S. Geological survey, 7784
  Marquette quadrangle, by U. S. Geological survey, 7788
  Mason quadrangle, by U. S. Geological survey, 7789
  Milford quadrangle, by U. S. Geological survey, 7793

QUADRANGLE MAPS—Continued
  Pontiac quadrangle, by U. S. Geological survey, 7797
  Rochester quadrangle, by U. S. Geological survey, 7802
  Romulus quadrangle, by U. S. Geological survey, 7803
  Sagola quadrangle, by U. S. Geological survey, 7804
  St. Charles quadrangle, by U. S. Geological survey, 7805
  Saline quadrangle, by U. S. Geological survey, 7806
  South Lyon quadrangle, by U. S. Geological survey, 7807
  Three Rivers quadrangle, by U. S. Geological survey, 7811
  Wayne quadrangle, by U. S. Geological survey, 7819
  Witbeck quadrangle, by U. S. Geological survey, 7820
  Wyandotte quadrangle, by U. S. Geological survey, 7821
  Ypsilanti quadrangle, by U. S. Geological survey, 7822
Quaife, M. M.
  Chicago and Old Northwest, 5902
  Hay: Narrative of life on old frontier, 2089
Quarles, J. V.
  Old and the new, 5903
Quartermaster's dept., see Michigan. Quartermaster general's office; U. S. Army. Quartermaster's dept.
Queen city of the straits, 5904
Quincy
  Campbell: Memorial day in, 573
——— mining co.
  Lawton: Review of Lake Superior copper mining, 2697

Radisson, P. E.
  Campbell: Radisson's journal, 565
Rahn, O.
  Bacterial activity in soil as function of grain size, 5905
Railroad commission, see Michigan. Railroad commission
——— conspiracy case, see Great railroad conspiracy case
——— lands
  Britton and Gray: Ontonagon and state line and Marquette and state line land grants in Mich., 443
  [Burt]: Marquette and Mackinac railroad, some reasons why grant of swamp lands should be made, 507
  Calkins: Petition for grant of swamp lands in Allegan county for railroad, 551
  Jackson, Lansing and Saginaw railroad co.: Guide to lands for sale, 2372, 2373
  ———, ——— ——— ——— ———.: Lands exempt from general taxation, 2374

RAILROAD LANDS—Continued

Marquette and Ontonagon railway co.: Memorial against transferring land grant to another co.,2891

Michigan. Attorney general's office: Laws of U. S. granting lands, 3065

———. ——— ——— ——: Opinion on taxation of railroad lands, 3068

———. ——— ——— ——: Railroad lands taxable, 3073

———. Legislature. House. Select committee: Are railroad lands taxable, 4291

———. —————. Senate. Committee on incorporations: Report in relation to grant of lands to railroad cos., 4519

———. —————. ———. Committee on public lands: Report of committee to whom was referred bill authorizing issuing of patents, 4584

———. —————. ———. Committee on railroads: Report on taxation of, 4651

[Sibbald]: True history of fraudulent entries within hints of Ontonagon and state line grant, 6242

U. S. 34th Cong., 1st sess.: Act making grant of alternate sections of lands to Mich. to aid construction of railroads, 6636

Railroads

Bailey's gazeteer and directory of lines of railway from Cincinnati to northern Mich., 186

Bancroft: New railway outlet from Chicago to seaboard, 214

Begole: [Mss.], 8241

Bonney: Rules of law for carriage and delivery of persons and property by railway, 398

Burch: Gazetteer of Detroit and Milwaukee and Flint and Pere Marquette railroads, 495

Clark: State railroad commissioners, 694

Collection of invitations, programs, and of literature by railroad and steamship cos., 8112

Detroit. Recorder's court: Petition for separation of grades, 1338

Dickinson: Railroad property exempt from local taxation, 1506

Dow: Lumberman's gazette, 1540

Ely: Memorial in relation to railroad interests in Upper Peninsula, 1600

Emmons: Letter books, 8391

———: Mss., 8041, 8043, 8047, 8052, 8057, 8064, 8068, 8073, 8076, 8078, 8080, 8090, 8092, 8094, 8096, 8102

Hedrick: History of railroad taxation in Mich., 2095

Howard: Mss., 8044

Johnson: Mss., 8115, 8121

Joy: Mss., 8136, 8138, 8143

Keith: Historical sketch of internal improvements, 2490

RAILROADS—Continued

Maps

Birds eye view of rail and water routes to mineral spring at St. Clair, by Calvert lith. co., 8016

Bridgman's county and railroad township map of Mich., 7280

Colton's railroad and express map of northwestern states, 7373

——— ——— —— township map, western states, 7221

Cram's railroad and township map of Mich., 7304, 7313

Farmer's railroad and township map of Mich., 7249, 7255, 7261, 7267, 7270, 7273, 7276

Map, by S. Farmer, 8014

[—— of Mich.], 7344

—— — ——., by Railroad commissioner, 7317, 7319, 7321, 7322

—— — suburban railways in southeastern Mich., by S. Farmer & co., 8019

—— showing location of roads built by state and railroads that have received land grants from state, by State land office, 8018

[Maps of Mich.], 7309

New railroad, postoffice and county map of Mich., by National publishing co., 7339

Official map of Mich., by Railroad commissioner, 7314, 7325, 7327, 7330-7332, 7334, 7338, 7343, 7347, 7352, 7359

Railroad and postoffice map of Wis. and Mich., by H. H. Lloyd & co., 7274

——— map of Mich., by Railroad commissioner, 7287, 7293, 7297, 7305, 7306, 7310, 7311

——— — — ——., by H. S. Stebbins, 7320

Railroads in Mich., by J. Doggett, 8013

Rand McNally & co's. map of Mich., 7295

Watson's new county, railroad and distance map of Mich., 7285

Wolverine state, by Haskell bros., 7298

Michigan. Attorney general's office: Opinion on constitutionality of acts authorizing towns and cities to raise money to aid construction of, 3069

———. Auditor general's office: Compilation of annual reports of railroad corporations, 3121

———. ——— ——— ——: Report relative to claims for damages on, 3136

———. Board of internal improvement: Communication transmitting survey and estimate for railroad from Centreville to Niles, 3184

———. Governor: Message of Gov. Pingree [on railroad taxation], 3750-3752, 3756

RAILROADS—Continued

———. Laws, statutes, etc.: Compilation in reference to land grant railroads in Upper Peninsula, 3923

———, ———, ——.: Laws relating to, 3924

———. Legislature. House. Committee on banks and incorporations: Report relative to authorizing certain counties, cities and townships to aid construction of railroad from Jackson to Grand Rapids, 4000

———. ———. ———. ——— ——— ——— ———: Report of committee to whom was referred bill for construction of railroad to Lake Superior, 4001

———. ———. ———. Committee on federal relations: Report of committee to whom was referred resolutions approving plan of railroad from Lake Mich. to Pacific, 4070

———. ———. ———. Investigating committee: Report relative to charges of bribery against certain cos., 4290

———. ———. ———. Select committee: Report of committee to whom were referred preamble and resolution in relation to railroad from Lake Michigan to Pacific, 4345

———. ———. ———. ——— ———: Report relative to loans by state to different cos., 4346

———. ———. Senate. Committee on finance: Sale of railroads, report, 4497

———. ———. ———. Committee on internal improvement: Report in relation to certain railroads, 4538

———. ———. ———. ——— ——— ——— ———: Report relative to bill to authorize counties to raise money to aid construction of railroad from Lansing to New Buffalo, 4539

———. ———. ———. Committee on the judiciary: Report relative to allowing claim for apprehension of person who set fire to bridge over River Rouge, 4560

Paine: History of iron rails on Mich. southern and northern Indiana railway, 5626

Paxson: Railroads of "Old Northwest," 5679

Porter: H. H. Porter, 5808

Powers: Numerous railroad cos. vs. P. F. Powers, 5864

Romeyn and Lockwood and Clarke: Mss., 8046

Stevens: Two-cent passenger fare bill, 6403

RAILROADS—Continued

———: Wanted: an impartial tribunal for trial of special proceedings against railroad cos., 6404

Stoughton: Laws of U. S. granting lands to Mich. for, 6421

Towsley: Appeal to legislature and people for fair treatment on question of increased passenger fares, 6562

Trowbridge: Letter books, 8551

———: Mss., 8158, 8197

U. S. Circuit court. Western district of Michigan. Southern division in equity: Mich. railroad tax cases, 6631

Webber: State and its railroads, 6844

Western railway advertising co.: Travelers' illustrated official railway reporter and guide, 6878

Whittlesey: Railway connections with Lake Superior, 6919

Wilgus: Detroit River tunnel, 6928

Wood: Official railway guide of Mich., 7018

Worsfield: Special danger near switches on railroad tracks, 7041

See also Amboy, Lansing and Traverse Bay railroad; Ann Arbor railroad co.; Atchison and Nebraska; Atchison, Topeka and Santa Fe railroad; Au Sable and northwestern railway co.; Bay de Noquet and Marquette railroad co.; Canada southern railway co.; Central railroad; Chicago and Aurora railroad; Chicago and Mich. grand trunk; Chicago and Mich. lake shore railroad; Chicago and northwestern railroad; Chicago and west Mich. railway; Chicago, Burlington and Quincy railroad; Chicago, Clinton, Dubuque and Minnesota railroad; Coldwater, Marshall and Mackinac railroad co.; Detroit and Bay City railroad co.; Detroit and Mackinac railroad co.; Detroit and Maumee railroad co.; Detroit and Milwaukee railroad co.; Detroit and Pontiac railroad co.; Detroit and St. Joseph railroad co.; Detroit, Eel River and Illinois railroad; Detroit. Elevated railroad; Detroit, Howell and Lansing railroad; Detroit, Lansing and Lake Michigan railroad; Detroit, Lansing and northern railroad; Detroit, Mackinac and Marquette railroad; Detroit, Monroe and Toledo railroad; Detroit, Romeo and Port Huron railroad co.; Elevated Pacific railroad; Erie and Kalamazoo railroad; Flint and Pere Marquette railroad co.; Fort Street union depot co.; Fort Wayne, Jackson and Saginaw railroad; Galena and Chicago union railroad; Grand Rapids and Indiana railroad co.; Grand Trunk railway co.; Great western railway; Hannibal and St. Joseph railroad; Houghton and Ontonagon railroad;

RAILROADS—Continued
Illinois central railroad; Illinois, Indiana and Michigan railroad co.; Jackson, Lansing and Saginaw railroad; Kalamazoo and Allegan railroad; Kansas City, St. Joseph and Council Bluffs railroad; Lake Erie and River Raisin railroad co.; Lake shore and Michigan southern railway; Lake Superior railroad; Leavenworth, Lawrence and Galveston railroad; Macomb and Saginaw railroad co.; Marquette and Ontonagon railway co.; Maumee branch railroad co.; Maumee and Havre branch railroad; Michigan airline railroad; Michigan. Board of internal improvement; Michigan central railroad co.; Michigan. Railroad commission; Michigan southern and northern Indiana railroad co.; Michigan southern railroad co.; Missouri River, Fort Scott and Gulf railroad; Monroe and Ypsilanti railroad co.; New York central and Hudson River railroad; New York central railroad; Niagara and Detroit rivers railroad; Northern Indiana railroad; Northern Pacific railroad; Northern railroad; Oakland and Ottawa railroad; Ohio and Maumee's branch railroad co.; Ohio, Quincy and Grand Haven railroad co.; Ohio railroad co.; Palmyra and Jacksonburg railroad; Peninsular railway co.; Pere Marquette railroad co.; Pontiac and Detroit railroad co.; Pontiac railroad co.; Port Huron and Lake Michigan railroad; Port Huron and Lansing railroad; Port Huron and Milwaukee railway co.; River Raisin and Grand River railroad co.; River Raisin and Lake Erie railroad; St. Clair and Romeo railroad co.; St. Joseph's railroad co.; St. Joseph valley railroad; Southern railroad; Tecumseh branch railroad; Toledo and Saginaw Bay railroad; Toledo, Ann Arbor and north Michigan railway; Union Pacific railroad; Wisconsin valley railroad; Ypsilanti and Tecumseh railroad
Railway panoramic guide, 5906
Ralph, J.
Along the bowstring or south shore of Lake Superior, 5909, 5910
Lake Superior along the south shore, 5907, 5908
Rameau [de Saint-Pere, Edme]
Notes historiques sur la colonie Canadienne de Détroit, 5911
Ramsey, J.
Address before Detroit board of commerce, 5912
Rand, McNally & co.
Cadillac tract, 7846
Illustrated atlas of Mich., 7348
Indexed county and township map of Mich., 7307

RAND, McNALLY & Co.—Continued
——— ——— —— ———— —— and shippers' guide of Mich., 7323, 7324, 7335
——— map of Mich., 7288
——— pocket map and shippers' guide of Mich., 7370
Map of Ingham co., 7468
—— — Kent co., 7500
New commercial atlas map of Mich., 7357
New ideal state and county survey and atlas, 7360
Sectional map of Mich. [Lower Peninsula], 7387
———, statistical and commercial map of Mich., 7353
Township, county and railroad map of Mich., 7295
Randall, C. D.
Ecole de l'état de Mich., 5913
L'ètat et l'enfant, 5914
Michigan. State public school: Report to Paris exposition, 5104
Protection de l'enfance, 5915
———, C. C.
Day book, 8523
———, F. G.
County road system, 5916
———, G. A.
Map of Kent co., 7492
———, R.
Burton: Diary of Detroit, 8271
Rankin, H. C.
Bennett: Historical sketches of Ninth Mich. infantry, 343
———, I. O.
Puddefoot: Hewers of wood, 5893
———, J. M.
Smith: Foul brood, 6274
Ranney, G. E.
Achievements in medicine, 5917
Address at dedication of regimental monument, Chicamauga, U. S. Military park, 5918
Health service of state, 5919
List of regular physicians registered in Mich., 5920
Observations upon progress of medical science, 5921
President's annual address, 5922
Reminincences of an army surgeon, 5923
Ransom, E.
Michigan. Governor: [Messages and communications], 3647-3654
———, G. F.
Souvenir of Detroit, 5924
[———, W. C.]
Historical address at Kalamazoo, 5925
Ransom township, Hillsdale co.
Brown: History of, 470
[Rantoul, R. S.]
Part taken by Essex co. in organization and settlement of Northwest Territory, 5926
Rape
Smith: Rape as forage plant, 6281

RAPID RIVER
Polk & co.: Directory, 5767
Rasch, F. A.
Detroit. Ordinances, etc.: Revised ordinances, 1262
Rascher map publishing co.
Map of Detroit, 7050
Rasles, S.
Dionne: G. Richard, 1519
Rasmussen, A.
Pioneer life in Big Dane settlement, 5927
Raspberries
Crozier: Cultivated raspberries, 872
Taft: Raspberries, blackberries and grapes, 6475
——: Strawberries and raspberries, 6483
Rathom, J. R.
Two Chicago sketches, 5928
Rausted, J.
Michigan. Legislature. House. Committee on university and school lands: Report adverse to petition for acre of land for school house, 4171
Ravell, C. H.
Sixty years of banking in Mich., 5929
Raven, P. E.
Garment making for girls, 5930
———, W. F.
Bean production, 5931
Ray, F. G.
Patrick: Work of U. S. Lake survey office, Detroit, 5649
Raymond, H.
Michigan. Legislature. House. Committee on elections: Reports of committee to whom was referred memorial contesting seat of A. Stevens, 4054
————, P.
Michigan. Legislature. House. Committee on ways and means: Report of committee to whom was referred petition of, 4273
Raynor, T.
Mayne: Deposition concerning abduction by British officers, 8465
Real estate
Campau family: Mss., 8074
Larned: Ledgers, 8442
Michigan. Legislature. Senate. Select committee: Report on bill to set off real estate under execution, 4737
Miscellaneous mss., 8062
Toms: Mss., 8058
See also Land
—— property
Gates: Mich. law, 1790
See also Conveyancing
Ream, L.
History of trip to great Saginaw valley, 5932
Reaume, R. F., & co.
Detroit theatrical and city guide, 5933
Receipts, see Business mss.
Receivers
Michigan trust co.: Assignees and receivers, 5428
RECIPROCITY
Detroit. Board of commerce: International commerce, 987
Reconstruction period
Howard: Mss., 8044
Republican party. Michigan. State central committee: Correspondence with W. L. Bancroft, 5954
Record of addresses delivered, poems read, and other exercises, at reunion of former pupils of Rev. J. A. B. and Mrs. L. H. Stone, 5934
——— publishing co.
Portrait and biographical record of northern Mich., 5843
Recovery of the law
Draper: Recovery of the law, 1549
Redington, J. C. D.
Detroit. Woman's bi-centenary committee: Historical art souvenir, 1362
Redway, J. W.
Natural advanced geography, 5935
Reed, E. H.
The dune country, 5936
——, E. E.
Announcement of special interest to foreigners desiring to speak English correctly, 5937
Method for correction of stammering, 5938
Speech work in Detroit public schools, 5939
——, F. A.
Reed method for cure of stammering, 5940
——, G. I.
Bench and bar of Mich., 5941
Reed City
Polk & co.: Directory, 5763
Richardson: Water-supply, 5970
Reese, R. W.
Noel: Souvenir of 40th annual picnic, Berrien co. old settlers association, 5554
Reference books
Michigan. State board of library commissioners: Annotated list of reference books, 4940
Referendum
Fairlie: Referendum and initiative, 1631
Michigan. State library. Legislative reference dept.: Local, special and private legislation, 5065
See also Initiative and referendum
Reformatories
Michigan. Charities and corrections, 3245
————. State board of corrections and charities: Biennial report, 4866
————. ——— ——— —— — — — ——— ——
———: Charities and corrections, 4867
————. State board of inspectors of penal institutions: 1st biennial report, 4938
Storrs: Correctional work in Mich., 6418

REFORMATORIES—Continued
  See also Michigan. Building commissioners of the state house of correction; Michigan. Commissioners to locate a state house of correction; Michigan. Industrial school for boys; Michigan. Reformatory; Michigan. State industrial home for girls; Michigan. State prison
Reformed church in America
  Scott: [Reformed church in America], 6188
Refuse and refuse disposal
  Detroit. Controller's office: [Report on garbage disposal], 1119
  Romig: Disposal of waste matter, 6011
Regents, see Michigan. University. Board of regents
Registers of deeds
  Michigan. Legislature. Senate. Committee on the judiciary: Report relative to petitions asking passage of law increasing fees and compensation, 4568
Registration of births, etc.
  Brown: Two missionary priests at Mackinac, the parish register, 465
  Wilbur: Collection and registration of vital statistics, 6925
Reid, D.
  Mss., 8048
——, Mrs. E.
  Mss., 8048
——, J. (tugboat)
  Logbook, 8524
——, J. W.
  Index to amended laws, 5942
—— **wrecking co.** vs. schooners "C. G. King" and Donaldson, 8525
Reighard, J. E.
  Biological examination of Lake St. Clair, 5943
  Breeding habits, development and propagation of black bass, 5944
  Ecological reconnoissance of fishes of Douglas Lake, 5945
  Jennings: List of rotatoria of Great Lakes, 2400
  Pieters: Plants of Lake St. Clair, 5739
Reinhold, R. M.
  American schoolmaster, 83
  Western journal of education, 6870
Relief laws
  Michigan. Legislature. House. Committee on the judiciary: Report of committee to whom was referred so much of governor's messages as relates to, 4132, 4133
—— **corps,** see Woman's relief corps
Religious corporations, see Corporation law
——— **education**
  McCracken: Protest against sectarianism in university, 2815
  ————: Religion in university, 2816
Rembaugh, B.
  Political status of women in U. S., 5946
REMINGTON, C. K.
  Ship-yard of the Griffon, 5947
Repentigny heirs
  Howard: Mss. for claim to land at Sault Ste. Marie, 8055, 8106
Report of subscriptions for education of seminarians of Diocese of Grand Rapids, 5948
Reptiles
  Evans: Collection of amphibians and reptiles from Gogebic co., 1620
  Ruthven: Herpetology of Mich., 6056
  ————: Miscellaneous papers on zoology, 6057
  ————: On ameiva bifrontata cope, 6058
  Smith: Catalogue, 6317
Republic
  Holland: Gazetteer of Marquette co., 2184
———— **iron co.**
  Articles of association, by-laws, etc., 5949
———— **Mountain**
  Magneto-geological chart, by Mich. geological survey, 7801
  Map, by Mich. geological survey, 7800
Republican party
  Michigan
    Detroit post and tribune: Z. Chandler, 1469
    Howard: Mss., 8044
    Ingham county
      Address of central committee, 5952
    Livingstone: History of Republican party, 2754
    Matthews: Alger Republican club, 2922
    Osborn: Address at Republican state convention, 5609
    Proceedings at celebration of 50th anniversary of birth, 5950
    State central committee
      [Campaign address], 5953
      Correspondence with W. L. Bancroft, 5954
      Evils of free trade, 5955
      "Michigan, my Michigan," 5956
      State and national finances, 5957
    Stocking: Under the oaks, 6412
    Under the oaks, 5951
  Orcutt: Burrows of Mich. and Republican party, 5607
  Wayne county
    Wayne co. Republican club, 6832
  See also Democratic party; Detroit. Politics and government; Good government league, Grand Rapids; Michigan. Politics and government; Politics; Whig party
Resorts, see Fish and fishing; Summer resorts
Revised statutes of 1846
  [Michigan. Attorney general's office: Opinion on constitutionality of chap. 94], 3072

REVISED STATUTES, see Michigan. Laws, statutes, etc.
Revolutionary war, see American revolution
[Reynolds, C. F.]
  Standard guide, Mackinac Island and northern lake resorts, 5958
———, L. P.
  City of Hillsdale, 5959
  Closing chapter of story of 50 years, 5960
  Hillsdale college, early history, 5961
  ——— ———, founding and removal, 5962
  ——— ———, sketch of history, loss of buildings, 5963
  ——— ———, sketch of history, recent loss of buildings, 5964
  True Review, 5965
Rezek, A. I.
  History of Diocese of Sault Ste. Marie and Marquette, 5966
Rice
  Bissell: Mss., 8060
Rice, F. G.
  Diary of 19th Mich. volunteer infantry in war of rebellion, 5967
——, W. H.
  D. Zeisberger, 5968
—— and Meeker
  Mss., 8133
Rich, J. T.
  Michigan. Governor: [Messages and pardons], 3743-3745
Richard, G.
  Circular letter soliciting assistance in rebuilding parish church of Ste. Anne, 8526
  Dionne: G. Richard, 1518, 1519
  Draft of resolutions for formation of Society of Catholic schools in territory, 8527
  Elliott: Sketch of life and times, 1592
  Weadock: Catholic priest in Congress, 6839
[Richards, W. C.]
  Fairy isle of Mackinac, 5969
Richardson, E. S.
  Water-supply of Reed city, 5970
———, [J.]
  Wacousta, 5971, 5972
  War of 1812, 5973, 5974
——— genealogy
  Richardson: War of 1812, 5974
Richberg, J. C.
  Incongruity of divorce laws of U. S., 5975
Richmond, R. L.
  Fur traders of Grand River valley, 5976
Richter, W.
  Secrets of taxidermy revealed, 5977
Rickard, T. A.
  Copper mines of Lake Superior, 5978
Riddell, W. R.
  First judge at Detroit and his court, 5979
Ries, H.
  Clays and shales of Mich., 5980
[RIFENBERICK, R. B.]
  Statement concerning "Barcroft appraisal" of D. U. R., 5981
Riley, H. H.
  Puddleford papers, 5982
Risdon, O.
  Map of surveyed part of Territory of Mich., 7146
Rivard, J. B., see Rivard family
———, C., see Rivard family
———, F., see Rivard family
———, S., see Rivard family
Rivard family
  Mss., 8039
River and harbor improvement
  Conger: Harbor and river appropriations, speech, 767
  Houston: Annual report, 2218
  Michigan. Legislature: Memorial and resolutions, 3958
  ———. ———: Memorial and resolutions relative to Clinton River, 3959
  ———. ———: House. Committee on internal improvement: Minority report of committee to whom was referred resolutions for appropriations of internal improvement lands, 4105
  ———. ———. ———. Committee on ways and means: Chairman of committee to whom was referred so much of governor's message as relates to lake harbors, 4264
  ———. ———. Senate. Committee on state affairs: Report of committee to whom was referred petition for aid in construction of harbor in Ottawa co., 4690
  Poe: Annual report upon improvement of certain rivers and harbors, 5752
  Saginaw River improvement association: Saginaw River improvement, 6095
River Raisin
  Battle of
    Bulkley: River Raisin monuments, 489
  Tuttle: Journal, 8558
——— ——— and Grand River railroad co.
  Michigan. Attorney general's office: Communication in relation to, 3052
——— ——— — Lake Erie railroad
  Michigan. Attorney general's office: Report in relation to purchase of, 3080
  ———. Commissioner to settle with the River Raisin and Lake Erie railroad co.: Report, 3291
  ———. Legislature. House. Committee on claims: Report in relation to claim, 4011
  ———. ———. ———. Committee on the judiciary: Report of committee to whom was referred petition of, 4144
  ———. ———. Senate. Committee on internal improvement: Report relative to purchase of, 4540

RIVER RAISIN AND LAKE ERIE RAILROAD—Continued
———. ————. ———. Select committee: Report on so much of governor's message as relates to, 4738
Report, 5983, 5984
River Rouge
New map, by S. Farmer & co., 7676
—— —— of Detroit and suburbs, by S. Farmer & co., 7681, 7685
Sauer: Standard guide and pocket directory, 6140
Scott: Jaunt along, 6192
Rivers
Map of U. S. exhibiting, by A. Bradley, jr., 7128
Rix, G. C.
Temperance address, 5985
Roads
Automobile road atlas of southern Mich., by S. Farmer & co., 7997
Bowen's automobile and sportsmen's guide, 418
Detroit and Birmingham plank road co.: By-laws, 1395
Felch: Mss., 8153
Flaherty: Brief sketch of earliest history of Michigan's Great Lake region, 1704
Hines: Road book, 2126
Johnson: Highways and byways of Great Lakes, 2405
King: Official route guide, 2537
[Lincoln highway association]: Following path of progress, 2745
——— ——— ————: Summarizing a year's progress, 2746
Maps
Automobile road map of southeastern Mich., by S. Farmer, 7996
Lake shore detailed survey road map of Ill., Ind., Mich., Wis., by Standard map co., 7365
Macauley bros.' road map, giving all favorite runs out of Detroit, 8000
Mackey road map, 8008
Map of Dixie highway, by National highways association and Mich. state good roads association, 8004
—— — Ottawa co. road system, by Board of county road commissioners, 7550
—— showing location of roads built by state, by State land office, 8017, 8018
—— of U. S. exhibiting post-roads, stage roads, counties and rivers, by A. Bradley, jr., 7128
—— — —. —. road from Ohio to Detroit, by J. Farmer, 8022
—— — —. —. —— —— Detroit to Fort Gratiot as surveyed by H. Parker, 8023
Mendenhall's road map of Mich., 7342
Nellist's road map of Mich., Lower Peninsula, 7385, 7386
New map of Mich., by C. Desilver, 7233

ROADS—Continued
—— —— — ——., with canals, roads, and distances, 7220
Overland road map, by Overland motor co., 8011
Survey of road route from Saginaw to Mackinac, by Lieut. Poole, 8015
Tourist's pocket map of Mich., by J. H. Young, 7173, 7181
Wayne and parts of Washtenaw, Oakland and Macomb cos., by H. P. Strong, 7602
Michigan. Attorney general's office: Laws of U. S. granting lands to Mich., 3065
———. Laws, statutes, etc.: Laws relating to highways and bridges, 3875
———. ——, ———, ——.: Laws relating to state land office, 3898
———. Legislature: Memorial and resolutions, 3958
———. ————. House. Committee on public lands: Report relative to swamp lands and state roads, 4167
———. ————. Senate. Committee on the judiciary: Report relative to powers to authorize appropriation of normal school lands for highways, 4562
———. ————. ———. Committee on roads and bridges: Report relative to overseers of highways, 4653
———. ————. ———. —— —— — —— —— ———: Report relative to vacations of public highways by 12 freeholders, 4654
———. ————. ———. —— —— — —— —— ———: Report in relation to highway labor, 4655
———. ————. ———. —— —— — —— —— ———: Report of committee to whom was referred petitions signed by persons in vicinity of road contemplated, 4658
———. ————. ———. Committee on state affairs: Report of committee to whom was referred bill for drainage and reclamation of swamp lands by system of state roads, 4675
———. State good roads' association: 9th annual convention, 4971
———. State highway committee: Report, 4981
——— (Ter.) Laws, statutes, etc.: Actes relatifs aux, 5339
Portland cement association: Concrete roads of Wayne co., 5824
Randall: County road system, 5916
Rogers: Care of earth roads, 6001
———: Gravel roads, 6002
———: Macadam roads, 6003
Scarborough motor guide co.: Official tour book, 6148
Sibley: Mss. for material on territorial roads, 8185

ROADS—Continued
Tollman: Petition asking law be amended to allow overseers of highways to be appointed and appropriations for roads and bridges made at noon on election days, 6553
Wayne county. Board of county road commissioners: Annual report, 6821
See also Automobiles. Road guides; League of American Wheelmen. Michigan division; Michigan. Board of control of state swamp land roads; Michigan. Highway dept.; Michigan. Legislature. House. Committee on roads and bridges; Michigan. State swamp land commissioner; Military roads; Plank roads; Swamp land state roads; U. S. Roads

Roaring Brook
[Detroit and Cleveland steam navigation co.]: Where to spend summer, 1403

Robbins, W. S.
Hog cholera, 5986

Roberts, R. E.
Detroit 100 years ago, 5987
Sketches and reminiscences of city of straits, 5988
Sketches of Detroit, 5989

Robertson, J., see Michigan. Adjutant general's office

Robinson, C. M.
Olmsted: Improvement of Detroit, 5603
———, C. S.
Organic nitrogenous compounds in peat soils, 5990
Utilization of muck lands, 5991
———, E. A.
Michigan. Forestry commission: Mich. forestry, 3547
———, E.
Frisbie's hand book and guide map of Detroit, 7634
Guide map of Detroit, 7631, 7639
Map of Detroit, 7636, 7644
——— — Elmwood cemetery, Detroit, 7632
——— showing fire limits, paved streets and sewers [of Detroit], 7635
Wards and election districts of Detroit, 7645
———, G.
History of Cheboygan and Mackinac cos., 5992
———, J. W.
Centenary sermon, propagandism of Christianity as exemplified in planting and growth of Methodism in U. S. and Mich., 5993
———, R.
Michigan. Board of internal improvement: Report relative to individual awards, 3206
———. ——— — ——— ———
———: Report of president of board, 3207

ROBINSON, R.—Continued
———. ——— — ——— ———
———: Report relative to Saginaw canal, 3208
———, W. A.
Business directory of Grand Rapids, 5994
——— and Campau
Complete specifications for new Central high school, 5995

Robison, F. W.
Analyses of some of commercial feeding stuffs, 5996
Fertilizer bulletin, 5997
[———, W. S.]
Biographical sketch of E. M. Avery, 5998
——— family mss.
Johnson: Mss., 8115

Roby, H. M.
Palmer: Mss., 8200

Rochefoucault Liancourt [F. A. F.], Duc de la
Travels through U. S., 5999

Rochester
Fox: Beautiful Rochester, 1746
Michigan. State board of health: Contributions to study of spread of diphtheria, 4889
Quadrangle map, see Quadrangle maps

Rock
Polk & co.: Directory, 5767

Rockford
Polk & co.: Directory, 5763
Polk, Murphy and co.: Directory, 5790
——— register
Map of Kent co., 7501, 7502

Rogers, [A. C. and D.]
Memorial in behalf of Mich. female college, 6000
———, C. M.
Map of Iron co., 7475
———, Frank F.
Care of earth roads, 6001
Gravel roads, 6002
Macadam roads, 6003
———, Fred H.
List of banks and banking corporations in territory and state before national banks, 6004
———, H. S.
History of Cass co., 6005
———, J. S.
National reserve for exigency of war, 6006
———, R.
Hough: Diary of siege of Detroit, 2211
Ponteach, 6007, 6008

Romeo
Dickenson institute: Addresses at opening, and catalogue, 1504

Romeyn, J. W.
Mss., 8075
———, T.
Detroit. Fire dept.: The fire department, 1136
Mss., 8046, 8060, 8061
T. Romeyn, 6009
To people of Mich., 6010

ROMIG, S. V.
  Disposal of waste matter, 6011
Rominger, C.
  Geological map of Lower Peninsula, 7785
  ———— report on Upper Peninsula, 6012
  Geology of Lower Peninsula, 6013
  Marquette iron region, Menominee iron region, 6014
  Michigan. Geological survey: Report, 3570
  ————. ———— ———: Upper Peninsula, 3576
  Palaeontology, 6015
  Palaeozoic rocks [of Upper Peninsula], 6016
Romulus
  Quadrangle map, see Quadrangle maps
Roosevelt, T.
  Episodes from "The winning of the West," 6017
  La conquete de l'Ouest, 6018
  Northwest, 6019
  Roosevelt vs. Newett, 6020
  Winning of West, 6021-6025
Root, C., and co.
  Mss., 8110
——, M. A.
  Legal condition of girls and women in Mich., 6026
[Ross, A. H.[
  Letter to moderator and members of Stanton, Mich., council in case of W. H. Utley, 6027
——, R. B.
  [Detroit mechanics society], 6028
  Early bench and bar of Detroit, 6029
  [Facts relating to alleged portrait of J. Norvell], 6030
  Industrial school entertainments, 6031
  Landmarks of Wayne co. and Detroit, 6032
  Old-time fun, 8528
  Patriot war, 6033
Roster of 20th Mich. infantry, 6034
Roth, F.
  Forest fires, 6035
  Forest regulation, 6036
  Forestry problem, 1733
  Michigan. Forestry commission: Advance movement, 3543
  ————. ———— ————: Forest reserve manual, 3546
  ————. ———— ————: Mich. forestry, 3547
  What is forestry, 6037
  What the state should do, 6038
Rothwell, H. G.
  Map of Grand Traverse region, 7379
  ——— — Mich., 7375
Rotifera
  Jennings: List of rotatoria of Great Lakes, 2400
  ————: Rotatoria of U. S., 2401
ROUECH, A. E.
  Guide to lawful fees and compensations, 6039, 6040
Rouge River
  Poe: Annual report upon improvement of certain rivers and harbors, 5752
Rowland, O. W.
  History of Van Buren co., 6041
————, T.
  Miscellaneous mss., 8176
Royal and Select Masters, see Freemasons. Michigan
——— Arcanum
  Detroit council no. 47
    Constitution and by-laws, 6042
  Michigan. Grand council
    Royal Arcanum, 6043
——— Arch Masons, see Freemasons
Ruger, A.
  [Bird's eye view of Ann Arbor], 7612
  Grand Rapids, 7709
Rumsey and Works
  Map of Grand Rapids, 7722
Rupp, I. D.
  Geographical catechism of Pa. and western states, 6044
Rural letter carriers, see Michigan. State association of rural letter carriers
——— mail directory co.
  Directory of rural free mail delivery, Kent co., 6045
——— schools
  Burnham: Rural school efficiency in Kalamazoo co., 500
  Michigan. Dept. of public instruction: Study of school problems, 3442
  ————. ———. — ——— ————: Supplement to 61st report, 3448
  ————. ———. — ——— ————: Township rural high schools, 3459
  See also Schools
——— social movements
  Buell: One woman's work for farm women, 483
Russell, A.
  Census bulletin no. 48 of 1891, 6046
  Corporations in Mich., 6047
  Dissatisfaction with senate, 6048
  J. F. Joy, 6049
————, F. G.
  Holbrook: Mss., 8198
————, J.
  Map of middle states, 7122
————, J. A.
  Prehistoric discoveries in Wayne co., 6054
————, J. E.
  U. S. Deep waterways commission: Report, 6661
————, I. C.
  Ann Arbor folio, 7760, 7761
  Geological reconnaissance along north shore of lakes Huron and Mich., 6050
  Portland cement industry in Mich., 6051
  Research in state universities, 6052

RUSSELL, I. C.—Continued
  Sketch map showing surface geology about north shores of lakes Huron and Mich., 7781
  Topographical survey of Mich., 6053
———, R.
  Agricultural notes in Ohio and Mich., 6055
Russian thistle
  Wheeler: Russian thistle, 6887
Rust, E. G.
  Calhoun co. business directory, 550
Ruthven, A. G.
  Adams: Ecological survey in northern Mich., for paper by, 6
  Herpetology of Mich., 6056
  Michigan. Geological and biological survey: Biological survey, 3578
———, A.
  Miscellaneous papers on zoology of Mich., 6057
———, A. G.
  On ameiva bifrontata cope, 6058
Ryan, D. J.
  From charter to constitution, being collection of documents pertaining to Northwest Territory and states of Ohio, 6059
——, M. T.
  French: Grand Rapids directory, 1766
—— and Bourke
  Sales book, 8529
Rynd, C.
  Michigan. University: Defalcation in chemical laboratory, 5227

Sabin, L. C.
  Filling and emptying third lock at St. Mary's Falls canal, 6060
Sacbrood, see Foul brood
Sackett, W. G.
  Some bacterial diseases of plants, 6061
Sadler, H. C.
  Experimental ship tank of U. of M., 6062
  Some points in connection with shipbuilding on Great Lakes, 6063
Sage public library
  Catalogue, 6064, 6065
Saginaw
  Board of education
    Saginaw. Charters: Charter, together with acts incorporating board of education of East. Saginaw and union school district of Saginaw, 6077, 6079, 6081
    ——— high school catalogue, 6066
    ——— ——— ———, circular of information, 6067
    ——— ———, west side, public schools, 6068
  ——— of public works
    Annual report, 6069
  ——— of trade
    Annual review, 6070
    Fiftieth year, 6071
    Proceedings, 6072

SAGINAW—Continued
    Project for Saginaw Bay water for city of Saginaw, 6073
    [Report], 6074
    [Spencer]: Saginaw, 6361
  ——— of water commissioners
    Annual report, 6075
    Report of water supply of East Saginaw, 6076
  Cemeteries
    Lewis: General information, 2731
  Charters
    Charter, 6077-6083
    Michigan. Legislature. House. Committee on charges against M. H. Dakin: Investigation, 4004
  Chief of police
    Annual report, 6084
  City of Saginaw, 681
  Common council
    Manual, 6085
    Proceedings, 6086
    See also Saginaw. Charters
  Controller's office
    Annual report, 6087
  Daily enterprise
    Statistics for 1867, 6094
  Description
    Saginaw valley. Bureau of foreign and domestic commerce: Saginaw, 6096
    [Spencer]: Saginaw, 6361
  Directories
    Bailey's gazeteer and directory, including sketch and business directory, 186
    Bards and co's. classified business directory, 226
    Polk & co.: East Saginaw and Saginaw directory, 5766
    ——— — —.: Directory, 5784
  East side public library
    Catalogue, 6088
  Education, board of, see Saginaw. Board of education
  Elections
    Michigan. Legislature. House. Committee on elections: Report of committee to whom was referred memorial in relation to Saginaw election, 4055
  Germans
    Fünfzig jahre Deutschen strebens, 1778
  Government
    Michigan. Political science association: City government, 4792
  High school. Class of 1862
    Sketch of life of J. D. Eaton, 6089
  History
    Bates: History, commercial advantages, and future prospects of Saginaws, 243
    History of the Saginaws, 2168
    Indian and pioneer history of Saginaw valley, 2291

SAGINAW—Continued
  Hoyt public library
    Subject list, 2238
    Trust deed, 2239
  [Leonard]: Industries of Saginaws, 2719
  Map, by C. Holmes & H. Cary, 7748
  Ordinances, etc.
    Compiled volumes of, 6090
  Public library of union school district
    Catalogue, 6091
  Public school library
    Catalogue, 6092
  Public schools, see Saginaw. Board of education; Saginaw. High school
  Police, see Saginaw, Chief of police
  Public works, see Saginaw. Board of public works
  Saginaw and Bay salt co.
    Articles of association, by-laws, and order of business, 6093
  Sanitation
    Crane: Sanitary survey, 855
  Schaefer: Coal fields of Saginaw, 6152
  Trade, board of, see Saginaw. Board of trade
  Trades school
    Warriner: All-day trades school, 6805
  Water commissioners, see Saginaw. Board of water commissioners
  West side high school
    Hill: Letter on occasion of establishing 4 scholarships, 2115
  See also East Saginaw
——— Bay
  [Map of] Saginaw Bay, by U. S. War dept., 7913
  Michigan. Geological and biological survey: Biological survey, 3578
——— canal
  Michigan. Board of internal improvement: Report of R. Robinson, 3208
  ————. Legislature. Senate. Committee on finance: Report relative to, 4498
——— county
  Fox: History, 1744
  History, 2167
  History of Saginaws, 2168
  Koch: Deutschen colonien in Saginaw flusses, 2566
  [Leeson]: History, 2712
  [Loehe]: Etwas über Deutsch-Lutherischen niederlassungen in grafschaft Saginaw, 2757
  Map, by U. S. Postoffice dept., 7553
  —— of Saginaw and Tuscola, with part of [other] counties, by D. A. Pettibone, 7555
  Ogle & co.: Standard atlas, 7554
  Portrait and biographical record, 5847
——— Mackinac road
  Survey of road route, by Lieut. Poole, 8015

SAGINAW RIVER
  Improvement association
    Saginaw River improvement, 6095
  [Map of] mouth, by U. S. War dept., 7981
  Poe: Annual report upon improvement of certain rivers and harbors, 5752
  Preliminary chart, lower reach, by U. S. War dept., 7979, 7980
  River and flood service, by U. S. Weather bureau, 7982
  Saginaw. Board of water commissioners: Report on water supply of East Saginaw, analysis of Saginaw River water, 6076
———, Treaty of
  Webber: Indian cession of 1819, 6841
——— valley
  Brown: Annual directory of, 453
  Bureau of foreign and domestic commerce
    Saginaw, 6096
  [Clubb]: Mich. legislative excursion [to Saginaw valley], 714
  Cooper: Address on dedication of 1st house of worship, 822
  Dow: Lumberman's gazette, 1540
  Fox: History, 1745
  Headley: Annual statement of business, 2091
  History, resources and prospects, 2175
  Hoffman: Saginaw valley review, 2181
  Indian and pioneer history, 2291
  Lewis: Annual statement of business, 2732
  Lumbermen
    Tariff on lumber, 6101
  Map, by A. Alberti, 7398
  —— of lands of Flint and Pere Marquette railway in Saginaw region, 7850
  Ream: History of trip to, 5932
  Saginaw valley, containing sketch of history, 6097
  ——— ———, its extent, boundaries, etc., 6098
  ——— ———, its salt, lumber and other resources, 6099
  ——— ——— land, salt and mineral co. Prospectus, 6100
  Smith: Caches of, 6298
  ——: Saginaw valley collection, 6300
  ——: Summary of archeology, 6301
  Sprague: Saginaw valley and lake shore business gazetteer and directory, 6370
  Statement of salt and lumber business for 1863, 6383
  Winchell: Salt manufacture of Saginaw valley, 6988
Sagola
  Quadrangle map, see Quadrangle maps
Sailors, see Soldiers' and Sailors' association
St. Andrew's society
  Bay county. St. Andrew's society: Constitution, 289

St. ANDREW'S SOCIETY—Continued
  Detroit
    Anniversary of birth of Robert Burns, 6102
    Constitution and by-laws, 6103
Saint-Castin
  Catherwood: Chase of Saint-Castin, 615
St. Charles
  Quadrangle map, see Quadrangle maps
St. Clair, A.
  Smith: St. Clair papers, 6318
  U. S. Congress. House. Committee on affairs in the Territory of Mich.: Report, 6658
  Varnum: Oration at Marietta July 4, 1788, 6750
St. Clair's campaign, 1791
  Wilson: Peace of Mad Anthony, 6964
  ———: Treaty of Greenville, 6965
St. Clair
  Bank
    Michigan. Legislature. House. Committee on the judiciary: Minority report on resolution relative to repealing act exempting stock from taxation, 4113
  Common council
    Corporation manual, 6104, 6105
  Directories
    Meech: Port Huron and St. Clair co. directory, 2935
    Wolverine directory co.: St. Clair co. directory, 7008
  Map, by W. Hancock, 7749
  Mineral spring
    Birds eye view of rail and water routes to, by Calvert lith. co., 8016
    Illustrated circular of Oakland, 6113
  Protection fire co.
    Constitution and by-laws, 6106
  St. Clair and Romeo railroad co.
    Affidavit relative to expenditures, 6107
    Proposition for transfer of charter, 6108
    Report of expenditures, 6109
    [Report of president and directors], 6110
  Somerville school for young ladies, see Somerville school for young ladies
  Thompson's school
    Palmer: Mr. Thompson's school, 5632
—. ——— county
  Agricultural society
    Premium list of 1st annual fair, 6111
    Rules, regulations and premiums of 3rd annual fair, 6112
  Biographical memoirs, 368
  Combination atlas map, by Everts and Stewart, 7556
  Dwight: Township plats, 8381
  History, 2169
  Jenks: St. Clair co., 2398
  ———: Sources of title, 2399
  Map, by U. S. Postoffice dept., 7558
  ——— of counties of Macomb and St. Clair, by Geil and Jones, 7520

St. CLAIR COUNTY—Continued
  Meech: Port Huron and St. Clair co. directory, 2935
  Ogle & co.: Standard atlas, 7557, 7559
  Polk & co.: Directory, 5783
  Tappan: Pioneer history, 6497
  Wolverine directory co.: St. Clair co. directory, 7008
—. ——— flats
  Chart, by U. S. War dept., 8034
  Hamilton: Statement of trade and commerce of Detroit, 2027
  Map, by H. D. Bartholomew, 8035
  Michigan. State land office: Report of survey, 5004
  Spaulding: Opposition to President's veto of bill to improve, 6359
  U. S. War dept.: Report of chief topographical engineer, appendix E, annual report on public works at St. Clair flats, 6697
  Woolson: Castle Nowhere, 7038
—. ——— Heights
  New map of Detroit and suburbs, by S. Farmer & co., 7681, 7685
  Sauer: Standard guide and pocket directory, 6140
  U. S. Bureau of the census: Special census, 6629
—. ———, Lake, see Lake St. Clair
—. ——— River
  Cole: Delta of, 738
  Disturnell: Great Lakes, 1523
  International joint commission: Pollution of boundary waters, 2326
  Maps
    Chart, by U. S. War dept., 7984
    Map of delta, by U. S. Corps of topographical engineers, 7983
    St. Clair River, by U.S. War dept., 7985
    South end of Lake Huron and head of St. Clair River, by U. S. War dept., 7887
  Parish
    Detroit. Ste. Anne's church. Exterior Parishes: Registre, 8330
  U. S. Lake survey: Lake Huron, St. Clair River, 6675
  White star line: Daylight trips, 6905
St. Croix River
  Schoolcraft: Narrative of expedition through Upper Mississippi to Itasca Lake, 6174
St. Helen development co.
  Land of opportunity, 6114
St. Ignace
  City of, 682
  Polk & co.: Directory, 5763
St. John, J. E.
  Industrial enterprise, memorial number, 2293
—. ——, J. R.
  Mineral regions of Lake Superior, 7837
  True description of Lake Superior country, 6115
—. ——, see Knights of St. John

St. JOSEPH
Alvord: Conquest by Spaniards, 79
Charter and general ordinances, 6116
Directory
Polk & co.: Directory, 5762
Map
City of St. Joseph, 7750
St. Joseph railroad co.
Michigan. Legislature. House. Committee on banks and incorporations: Report, 4002
—. ——— **county**
Citizens
Petition praying legislature to confer on Grand Rapids and Indiana railroad co. portion of public lands granted to aid construction of railroads, 6117
County commissioners
Michigan. Legislature. House. Committee on ways and means: Report of committee to whom was referred petition on taxes, 4274
Custard: French settlement in, 886
Cutler: History of, 897
History, 2170
Lake: Atlas, 7561
Map, by Geil and Jones, 7560
——, by Standard map co., 7564
——, by U. S. Postoffice dept., 7563
Moll & co.: Property atlas, 7562
Portrait and biographical album, 5848
—. ———, **Fort,** see Fort St. Joseph
—. ——— **Harbor**
[Map of] St. Joseph and Benton Harbor, by U. S. War dept., 7957
Poe: Annual report upon improvement of certain rivers and harbors, 5752
—. ——— **Kankakee portage**
Baker: St. Joseph-Kankakee portage, location and use by Marquette, La Salle and French voyageurs, 191
—. ——— **River**
Map of drainage basin, 7399
Poe: Annual report upon improvement of certain rivers and harbors, 5752
—. ——— **valley**
Bartlett: LaSalle in, 237
Turner: Gazetteer, 6605
—. ——— ——— **railroad**
Emmons: Mss., 8052

St. Lawrence River
Barrows: Surface water supply of Great Lakes and St. Lawrence River drainage, 232

St. Louis
Brown: Directory, 456
—. ——— magnetic spring, 6118

St. Luke's hospital and church home
Annual report, 6119
Rules for internal government, 6120

Saint Lusson, S. F. D., sieur de
Winsor: Pageant of Saint Lusson, 6995

St. Mark's hospital
Report, 6121

St. MARY'S ACADEMY
Catalogue of pupils, 6122
—. ——— **canal mineral land co.**
Reports upon value of co's. lands in iron region, 6125
Statement of plan of co., 6126
—. ——— **college**
Good form, 6123
—. ——— **Falls ship canal**
Report of board of control, 6128
——— of commissioners, 6127
See also Sault Ste. Marie canal
—. ——— ——— ——— ——— **co.**
560,000 acres pine lands, 6130
Map showing lands of, 7863-7866
Michigan. Legislature. Senate. Select committee: Report upon alleged trespasses upon school section 16, T 46 N, R 2 E, 4739
Report of directors, 6129
—. ——— **hospital, Detroit**
Mss., 8155
Register of co. patients, 8530
Second annual report of ear and eye dept., 6124
U. S. General hospitals. Detroit: Letter book, 8579
—. —. ——— ————. ———: Register of discharges, 8580
—. —. ——— ————. ———: Register of furloughs, 8581
—. ——— **River**
Chart, by U. S. War dept., 7991-7995
Coast chart no. 1, east end of Lake Superior, by U. S. War dept., 7926
Disturnell: Great Lakes, embracing full description of lakes and rivers, 1523
Improvement co.
Survey of aqueduct at village of St. Mary, 8531
International joint commission: In matter of application for approval of methods and plans for diversion of waters of St. Mary's River, 2322
———— —— ————: In matter of application for obstruction, diversion and use of waters of St. Mary's River, 2323
———— —— ————: Mich. northern power co., proceedings, 2324
———— —— ————: Opinion in application of Mich. northern power co. for approval of lease, 2325
Map, by A. L. Magilton, 7990
Sketch of navigation through East Mebish Rapids, by U. S. War dept., 7989
U. S. Congress. House. Committee on rivers and harbors: St. Mary's River at the falls, 6656, 6657
—. —. ———. Senate. Committee on commerce: St. Mary's River and Hay Lake channel, 6659
—. —. Engineer dept.: St. Mary's River at falls, 6671

St. MARY'S RIVER—Continued
———. War dept.: Report of chief topographical engineer, appendix E, annual report upon public works at St. Clair flats and St. Mary's River, 6697

St. Mary, Straits of
Farmer, 7986

St. Pierre, T.
Histoire des Canadiens-Français du Mich., 6131, 6132

Salem
Opinions of judges in People ex rel. Detroit and Howell railroad vs. Township board of Salem, 6133

Sales laws
Haring: Brief on conditional sale laws, 2041
Michigan. Laws, statutes, etc.: Uniform sales act, 3925

Saline
Polk: Washtenaw co. directory, 5866
Quadrangle map, see Quadrangle maps
Wendell directory co.: Washtenaw co. directory, 6861

Salmon, L. M.
Education in Mich. during territorial period, 6134

Salsbury, L. K.
People vs. L. K. Salsbury, 6135

Salt
Cook: Brine and salt deposits of Mich., 802
Dow: Lumberman's gazette, 1540
Garrigues: Report on salt manufacture, 1788, 1789
Higgins: Salt industry, 2111
Michigan. Legislature. House. Committee on salines: Report relative to saline resources of Mich., 4226
———. ———. ———. Select committee: Report relative to manufacture, 4351
———. ———. ———. ———
————: Report in regard to petitions for repeal of law to encourage manufacture of, 4352
———. ———. ———. Special committee: Report on salt interest, 4378
———. ———. Senate. Select committee: Report relative to manufacture of, 4740
———. ———. ———. Special committee: Majority report on manufacture of, 4758
———. ———. ———.
————: Minority report of committee to whom was referred so much of governor's message as relates to salt interest, 4759
———. Salt inspector: Annual report, 4829
———. ————: Statistics relating to saline interests, 4830

SALT—Continued
Saginaw and Bay salt co.: Articles of association, by-laws, and order of business, 6093
——— valley, its salt, lumber and other resources, 6099
——— land, salt and lumber co.: Prospectus, 6100
Statement of salt and lumber business of Saginaw valley, 6383
Winchell: On saliferous rocks and salt springs of Mich., 6986
————: Salt manufacture of Saginaw valley, 6988
— **inspector,** see Michigan. Salt inspector
— **spring lands**
Michigan. Board of state auditors on land claims: Annual report, 3220
————. Dept. of state: Report, 3522
— **springs**
Michigan. Geological survey: Report, 3569
————. Governor: Special message concerning, 3622
————. Legislature. House. Committee on the state geologist's report: Report in relation to improvement of, 4084
————. ————. ————. Committee on manufactures: Report relative to special message concerning, 4178
————. ————. Senate. Committee on manufactures: Report of committee to whom was referred communication relative to salt springs and salines, 4597
————. ————. ————. Select committee: Report relative to, 4741

Salzburg
Weeks & Polk: Bay City directory to which is appended directory of, 6848

Sample, C. H.
Ventilation, 6136

Samuel Porter Williams, in memoriam, 6137

Sanborn map and publishing co.
Grand Rapids, 7714

Sand dunes
Cowles: Ecological relations to vegetation on sand dunes of Lake Mich., 846
Michigan. Geological and biological survey: Biological survey, 3578
Reed: Dune country, 5936
Sanford: Michigan's shifting sands, 6138
U. S. National park service: Report on proposed Sand dunes national park, 6677

Sanders, G. N.
Stockton: Report communicating report of superintendent of mineral lands on Lake Superior, 6415

————, R.
Map, 8150

Sand Lake
Polk & co.: Directory, 5763
——, Murphy and co.: Directory, 5790

- SAND LUCERNE
  - Towar: Sand lucerne, 6556
- **Sandwich, Ont.**
  - Assumption church
    - Livre de comptes de la fabrique, 8532
    - Registre de la paroisse, 8533
  - Court
    - Askin: Mss., 8037
- **Sanford, F. H.**
  - Michigan's shifting sands, 6138
- **——, Mrs. M. H.**
  - In memoriam, 2313
- **Sanilac Centre**
  - [Map of] Sanilac Centre, 7751
- **—— county**
  - Cookingham: Atlas, 7566
  - Dwight: Township plats, 8381
  - Gordon: Geological report, 1828
  - ——: Wave cutting, 1830
  - Hubbard and King: Mss. for maps of land, 8121
  - Map, by U. S. Postoffice dept., 7567
  - Portrait and biographical album, 5849
  - Topographical map, by F. W. Beers & co., 7565
- **Sanitation**
  - Breakey: Unsanitary methods and results of school work, 434
  - Crane: Sanitary survey of Saginaw, 855
  - Michigan. Dept. of public instruction: Contageous diseases, 3371
  - Romig: Disposal of waste matter, 6011
  - See also Health; Michigan. State board of health
- **Sanitary engineering**
  - Michigan. State board of health: Engineering bulletin, 4894
- **San Jose scale**
  - [Taft]: New danger to fruit growers, 6464
- **Sanson, N., d'Abbeville**
  - Amérique septentrionale, 7073
  - Le Canada, ou Nouvelle France, 7074
- **Saranac**
  - Polk & co.: Directory, 5772
- **Sargent, C. S.**
  - Crataegus in southern Mich., 6139
- **——, W.**
  - Proclamation for organization of Wayne co., 8534
- **Sauble River**
  - Craig: Memorial asking swamp lands to aid improvement, 853
- **Sauer, W.**
  - Commerical pocket map of Detroit, 7696
  - Map of Detroit, 7668, 7697
  - Standard guide and pocket directory of Detroit and suburbs, 6140
- **——, W. C.**
  - Detailed official atlas of Wayne co., 7592, 7597
  - General map of Wayne co., 7591
  - Illustrated atlas of Sault Ste. Marie, 7752
  - Map of Detroit, 7658
  - —— — Wayne co., 7593, 7594
- **SAUER BROS.**
  - Map of Detroit and environs, 7698
  - Suburban pocket map of Detroit, 7691
- **—— bros. and Frydrych**
  - Map of Detroit, 7690
- **Saugatuck**
  - MacDonald: Message from the hills, 2855
- **—— and Ganges pomological society**
  - Smith: Notes on disease known as "little peach," 6294
- **—— Harbor**
  - Poe: Annual report upon improvement of certain rivers and harbors, 5752
- **Sault Ste. Marie**
  - Atlas
    - Sauer: Illustrated atlas, 7752
  - Charter and ordinances, 6141, 6142
  - Childs: Marquette, Mackinac Island and the "Soo," 669
  - Citizens' semi-centennial canal anniversary association
    - Semi-centennial celebration of commencement of Lake Superior ship canal, 6143
  - Description
    - Osborn: The "Soo," 5610
    - Sault Ste. Marie investment co.: Sault Ste. Marie, 6144
    - The Soo, 6342
  - Diocese of
    - Rezek: History, 5966
  - Directory
    - Polk & co.: Directory, 5785
  - [Gilbert]: Tale of two cities, 1807
  - Investment co.
    - Sault Ste. Marie, 6144
  - Lands
    - Howard: Mss., 8055
    - Romeyn: Mss., 8046
  - Newton: Mackinac Island and Sault Ste. Marie, 5541
  - Parish
    - Detroit. Ste. Anne's church. Exterior parishes: Registre, 8330
  - Revenue office
    - Mss., 8139, 8140
  - Seigniory
    - Howard: Mss., 8106
  - Winsor: Pageant of Saint Lusson, 6995
- **—— ——. —— canal**
  - Canada. Parliament: Report, 576
  - Cass: Speech on construction, 610
  - Chandler: History, 632-634
  - Clark: Communication on condition of works, 697
  - Hamilton: Statement of trade and commerce of Detroit, including business of, 2027
  - Harvey: Jubilee annals, 2071
  - ——: Semi-centennial reminiscences, 2072
  - Howell: Protest against appropriating tolls of St. Mary's canal to payment due counties for taxes on canal lands, 2231

SAULT STE. MARIE CANAL—Continued
International joint commission: In matter of application for approval of methods and plans for diversion of waters of St. Mary's River, 2322
———— ————: In matter of application for obstruction, diversion and use of waters of St. Mary's River, 2323
———— — ————: Mich. northern power co., proceedings, 2324
———— waterways commission: Report, 2330
Kelton: History, 2514
——: Indian names and history of canal, 2515
Map, by J. Holcroft, 7987
[—— of] St. Mary's Falls ship canal, 7988
Marquette iron ore association: Improvement of St. Mary's River canal, 2892
Michigan. Attorney general's office: Communication [in compliance with request for opinion whether recommendations in governor's message are in conflict with constitution], 3043
———— ———— ———— ——: Communication [on constitutionality of recommendations in governor's special message], 3048
————. Board of internal improvement: Report, 3188
———— ———— — ————
——: Report in compliance with resolution of senate, 3201
————. Governor: Communication transmitting annual report of superintendent, 3675
————. ————: Special message communicating report of board of control, 3671
————. Lake Superior semi-centennial celebration commission: St. Mary's Falls canal, 3832
————. Legislature. House. Committee on state affairs: Report relative to tolls, 4237
————. ————. ————. ——.
———— ———— ————: Report relative to claim of, 4238
————. ————. ————. Select committee: Report relative to construction of ship canal around falls of Ste. Marie, 4348, 4349
————. ————. ————. Special committee: Report relative to interference of U. S. troops with construction of, 4374
————. ————. ————. ————
————: Report in relation to interruption by U. S. troops of public works, 4379
————. ————. Joint committee: Report of committee to investigate contract for letting work for repairs, 4414

SAULT STE. MARIE CANAL—Continued
————. Superintendent and collector of the St. Mary's Falls ship canal: Annual report, 5120
————. Treasury dept.: Communication transmitting reports of superintendent, 5136, 5137
Sabin: Filling and emptying 3rd lock at St. Mary's Falls canal, 6060
Sault Ste. Marie. Citizens' semi-centennial canal anniversary association: Semi-centennial celebration of commencement of canal, 6143
U. S. Congress. House. Committee on rivers and harbors: St. Mary's Falls canal, 6655
—. —. ————. ————. ———— —
———— —— ————: St. Mary's River at the falls, 6656, 6657
—. —. Engineer dept.: General and detail drawings of Poe lock, 6667
—. —. ———— ——.: New locks, 6670
—. —. ———— ——.: St. Mary's River at falls, 6671
Waterways convention: Sault Ste. Marie canal, 6817
Weeks: Affidavits and other documents relative to, 6847
See also St. Mary's Falls ship canal; St. Mary's Falls ship canal co.

Saw mills, see Lumbering

Savage, J.
Prehistoric finds of Mich., 6145

Savine, A.
Roosevelt: La conquete de l'Ouest, 6018

Savings banks
Michigan. Banking dept.: Annual report, 3165
See also School savings banks

———— societies
Provident building, loan and savings society, 5888

Sawyer, A. L.
History of Northern Peninsula, 6146

————, J. E.
Oakland summer homes, 6147

Sayres, W. S.
Drake's Mich. digest, 1548

Scarborough co.
New census map of Mich., 7358, 7363

———— motor guide co.
Official tour book, 6148

Scarlatina
Michigan. State board of health: Restriction and prevention, 4928, 4929
————. ———— ———— — ————: Special reports relative to communicable and preventable diseases, 4930
————. ———— ———— ————: Statement of facts concerning cases, 4932

Scarlet fever
[Chart illustrating] Isolation and disinfection, restricted scarlet fever and diphtheria in Mich., 8036

SCARLET FEVER—Continued
Marshall: Report of scarlet fever at North Lansing, 2905
Michigan. State board of health: Relative to, 4922
Scates, C.
Pocket cruising book for Lake Mich., 6149
Scenery of Lake Superior, 6150
Scenes on Lake Huron, 6151
Schaefer, C. B.
Coal fields of Saginaw, 6152
Schafer, W. A.
Michigan. Political science association: Papers and addresses on primary reform, 4794
Schaffer
Polk & co.: Directory, 5767
Schaffner, M. A.
Territorial tax legislation of Mich., 6153
Schedule of village lots in Allegan for sale by M. A. Hubbard, 6154
Schenck, J. S.
History of Ionia and Montcalm cos., 6155
Schist
Williams: Greenstone schist areas of Menominee and Marquette regions, 6944
Schlesinger, A. M.
Ohio. Co-operative topographic survey: Ohio-Michigan boundary, 5585
Schlieben, W. E. A.
Gebiet Mich., 7154
Schmalzriedt, F. R.
Detroit. Ordinances, etc.: Compiled ordinances, 1264
[Schmidt, C. E.]
How truth regarding proposed forestry legislation is distorted, 6156
Schneider, C. F.
Leverett: Surface geology, 2727
———, O. H., & co.
Blesch: Contract, 8244
Schonberg & co.
Map of Mich., 7245, 7262
Schoolcraft, H. R.
Algic researches, 6157
American Indians, 6158
Archives of aboriginal knowledge, 6159
Baker: Sources of Mississippi, 200
Bibliographical catalogue of books and other publications in Indian tongues, 6160
Communication relative to geographical names, 6161
Discourse before Historical society of Mich., 6162
History of Indian tribes of U. S., 6163
Incentives to study ancient period of American history, 6164
Indian in his wigwam, 6165
——— fairy book, 6166
——— tribes of U. S., 6167
Information respecting history, condition and prospects of Indian tribes of U. S., 6168, 6169

SCHOOLCRAFT, H. R.—Continued
Inquiries, respecting the history, present condition and future prospects of Indian tribes, 6170, 6171
Map of northwestern territories, 7140
Michigan. Historical society: Historical and scientific sketches of Mich., 3807
Miscellaneous mss., 8176
Myth of Hiawatha, 6172
Narrative journal of travels through northwestern regions, 6173
——— of expedition through Upper Mississippi to Itasca Lake, 6174
Natural history, 6175
Onéota, 6176
Outlines of life and character of L. Cass, 6177
Personal memoirs of residence of 30 years with Indian tribes on frontiers, 6178
Red race of America, 6179, 6180
Suggestions for travellers visiting ancient sites, 6181
Summary narrative of exploratory expedition to sources of Mississippi, 6182
Travels in central portions of Mississippi valley, 6183
U. S. Office of Indian affairs: Circular, 6678
—. —. War dept.: Schoolcraft and Allen — expedition to Northwest Indians, 6698
Western scenes and reminiscences, 6184
Williams: Mss., 8038
Schooley, A. C.
Among the Wolverines, 6185
School book legislation
Michigan. Legislature. Joint committee: Report of hearing, 4413
Unabridged report of Straight-Pattengill debate, 6613
——— buildings
Lamson: Sanitary condition, 2594
——— funds
McCoskry: Petition for division, 2803
Michigan. Dept. of public instruction: School funds, 3427
———. ———. ——— ——— ———: Study of primary school interest fund, 3439
———. Legislature. House. Committee on education: Report of committee to whom was referred special message, 4028
——— grounds
Michigan. Dept. of public instruction: Study of school grounds, 3441
See also Schoolhouses
——— houses
Michigan. Dept. of public instruction: Manual of schoolroom equipment, 3403
———. ———. ——— ——— ———: Rural schoolhouses, 3423
———. ———. ——— ——— ———: School architecture, 3425

SCHOOL HOUSES—Continued
———. ——. — ——— ————: School buildings, 3426
———. ——. — ——— ————. School grounds, school house architecture, 3428-3430
———. ——. — ——— ————: Supplement to 61st report, 3448
—— **lands**
Knight: History and management of grants, 2558
Michigan. Board of state auditors on land claims: Annual report, 3220
———. Dept. of public instruction: Report in relation to, 3420
———. Legislature. House. Committee on public lands: Report in regard to reduction of minimum price, 4158
———. ———. ——. Select committee: Report in relation to, 4325
———. ———. Senate. Committee on public lands: Report on resolution authorizing commissioner of land office to issue certificate of purchase, 4585
[———. State land office: Statement of number of university and school lands sold], 5005
Wilkinson and Post: Mss., 8167
See also Michigan. Legislature. House. Committee on university and school lands; Michigan. Legislature. House. Committee on university, school and state lands; University lands
—— **law**
Michigan. Dept. of public instruction: Annual report, 3356
———. ——. — ——— ————: Digest of school laws, 3380
———. ——. — ——— ————: Explanations of school laws, 3385
———. ——. — ——— ————: Law governing compulsory education, 3397
———. ——. — ——— ————: Law governing graded school districts, 3398
———. Laws, statutes, etc.: Bill for government of Detroit schools, 3853
———. ——, ———. ——: Charter of Muskegon schools, 3915
———. ——. ———. ——: General school laws, 3927
———. ——. ———, ——.: Statutes relating to primary schools, 3926
———. Legislature. House. Committee on education: Report of committee to whom was referred resolution relative to distribution of school laws, 4029
———. ———. ——. ——— ———: Report of committee to whom was referred bill supplementary to common school laws, 4030, 4031

SCHOOL LIBRARIES
[Michigan. Dept. of public instruction]: Preferred list of books, 3416-3418
———. Legislature. House. Committee on education: Minority report relative to establishment, 4022
———. State board of library commissioners: Annotated list of reference books, 4940
———. — — ——— — ——— ———. ———— Legislative history of township libraries, 4946
———. ——— ——— — ——— ———. ————: List of books, 4947
———. ———: Statistics of township and district libraries, 4952
———. State library: Graded school libraries, 5038
[Parmenter]: School libraries, 5653
Power: Selected list of children's books for school libraries, 5860
Walter: Care of, 6795
See also Michigan. Dept. of public instruction
—— **management and organization**
Hammond: School law, 2032, 2033
Payne: State uniformity in text books, 5685
Schoolmaster, 6186
Schoolmasters' club, see Michigan. Schoolmasters' club
School moneys
Michigan. Treasury dept.: Communication relative to distribution, 5138
—— **savings banks**
Michigan. Dept. of public instruction: Thrift teaching, 3458
—— **superintendents**
Nevins: Protest against bill to provide for county superintendents of schools, 5537
Payne: State uniformity in text books, 5685
Schools
Baker: County school manual [and] history of school districts, Cheboygan co., 188
Breakey: Unsanitary methods and results of school work, 434
Brett: School and library, 435
Chadsey: Attitude of education toward mouth hygiene in public schools, 628
[Chart illustrating] free public schools of Mich., [by C. S. Denison], 8032
Fitch: Catalogue of public school exhibit, 1703
Hinsdale: Our common schools, 2131
Hoyt: J. D. Pierce, 2237
Mayhew: Reports of superintendent of public instruction, 2933
Michigan. Dept. of public instruction: Consolidation of school districts, 3370
———. ——. — ——— ————: Manual and course of study, 3402

SCHOOLS—Continued

————. ——. — ——— ——— ——: Method of consolidating school districts, 3409

————. ——. — ——— ————: System of public instruction, 3451

— ——. Legislature. Senate. Committee on public instruction: Report relative to certain school moneys, 4639

————. ——————. ————. —— ——— — ——— —————: Report relative to apportionment of two mill tax, 4641

————. ——————. ————. —— ——— — ——— —————: Report in relation to proceeds of two mill tax for support of schools, 4642

— ——. ——————. ————. Select committee: Report of committee to whom was referred petition relative to school under care of pastor of trinity church, 4715

[————. State teachers' association. Committee on educational investigations]: Study of retardation, acceleration, elimination and repetition, 5114

Missaukee county. School commissioner: Missaukee schools, 5461

Pattengill: Special day exercises, 5672

See also Agricultural education; Education; Industrial education; Manual training; Michigan. Agricultural college. Dept. of agricultural education; Michigan. Dept. of public instruction; Michigan. Legislature. House. Committee on education; Primary schools; Rural schools; Secondary education; Technical education; name of school, college or university

Schuyler, R.

Transition in Illinois from British to American government, 6187

Schwarz, E. A.

Hubbard: Coleoptera of Fla. and Mich., 2249

Scott, C.

[Reformed church in America], 6188

——, G.

New coast pilot for lakes, 6189

——, **James**

Miscellaneous mss., 8126

——, **James L.**

Journey of missionary tour, 6190

——, **Joseph**

Geographical dictionary, 6191

Northwest Territory, 7123

——, **William McD.**

Ledger, 8535

U. S. Marshal. Michigan. Huron and Detroit district: Account, 8589

——, **Winfield L.**

Jaunt along River Rouge, 6192

[**Scrap-book** of Gov. Bliss campaign], 6193

Scripps, G. W.

Memoir, 1801

SCRIPPS, J. E.

Detroit. Museum of art: Catalogue of Scripps collection, 1249

Greusel: Story of anti-ripper candidate, 1991

Outline history of Mich., 6194

Seals

Ferrey: Old seals and state seals, 1682

Searchlight, 6195

Searl, K. S.

Mich. court rules, 6196

Sebewaing River

Poe: Annual report upon improvement of certain rivers and harbors, 5752

Secondary education

Davis: Public secondary education, 926

Putnam: Development, 5898

See also Education; Schools

Secretary of state, see Michigan. Dept. of state

Securities commission, see Michigan. Securities commission

Seeds

Beal: Vitality of seeds buried in soil, 318

Bessey: Seed analyses, 355

Jeffery: Elementary laboratory study in crops, 2392

Michigan. Laws, statutes, etc.: Law regulating commerce in certain agricultural seeds, 3928

Seeley, D. A.

Climate of Mich., 6197

————, **T. D.**

History of Oakland co., 6198

[**Seeley and Lowrey**]

Big Rapids, 6199

Sekell, A. C.

Grand Rapids. Board of public works: Water works, 1873

Selandria Cerasi Harris

Winchell: Notes on, 6981

Semi-centennial celebration

Angell: U. of M., commemorative oration, 93

See also Michigan. Commission for the semi-centennial celebration

Senex, J.

North America, 7082

Senior sickle, 6200

Senses and sensation

Michigan. Dept. of public instruction: Sense training, 3433

Serial digest publishing co.

Mich. serial digest, 5410

Services at funeral of L. T. Hemans, 8536

Session laws

Michigan. Legislature: Acts, 3945

Sessions, H. C.

Manual for county clerks, sheriffs and constables, 6201

————, **J. Q. A.**

Isham: Historical sketch of 7th regiment Mich. volunteer cavalry, 2345

SETTLEMENT
Baldwin: Conquest of old Northwest and its settlement by Americans, 205
———: Pioneers of old Northwest and its settlement by French, 206
Barber: Vermontville colony, 217
[Bonner]: History of Adrian and settlement of Lenawee co., 396
Bulkley: Early French settlements on Great Lakes, 487
Custard: French settlement in St. Joseph co., 886
Drown[e]: Oration at Marietta in commemoration of commencement of settlement by Ohio co., 1550
Fuller: Economic and social beginnings of Mich., 1774
Hildreth: Pioneer history, 2114
[Michigan. Governor: Communication transmitting] documents relative to settlements on Niles reservation, 3591
Miller: Geographical influences in settlement of Mich., 5447, 5448
See also Detroit. History; Frontier and pioneer life; Michigan. Economic conditions; Michigan. History; Michigan. Social life and customs; county histories under names of counties
Seventh-day Adventists
Littlejohn: Constitutional amendment, 2753
See also White, J.
[Severance, F. H.]
Peace mission to Niagara of E. Douglass, 6202
Seward, W. H.
Argument in defence of A. F. Fitch, 6203
Sewage disposal
International joint commission: Hearings in re remedies for pollution of boundary waters, 2321
——— —— ———: Pollution of boundary waters, 2326
McLaughlin: Sewage pollution of interstate and international waters, 2843
Sewerage
Harris: Sanitary drainage and, 2055
Lyster: Sewerage, 2788
Smith: Influence of sewerage and water-supply on death-rate in cities, 6295
———: Sewerage and water-supply, 6296
Sewing
Raven: Garment making for girls, 5930
Seymour, E. G.
Michigan. Legislature. House. Committee on elections: Report of committee to whom was referred petition contesting seat of E. G. Seymour, 4044
———, H. W.
Remarks on bill for establishment of prison of infamy, 6204
———, J.
Memorial in relation to bill to keep up dam on Flint River, 6205
Michigan. Legislature. Senate. Committee on state affairs: Report relative to papers and propositions for location of capitol, 4661
Shafer, S. A.
Powell: Historic towns of western states, 5858
Shaffmaster, A. D.
Hunting in land of Hiawatha, 6206
Shandean club
Burton: Shandean club, 8274
Shannon, P. C.
State of Dakota, how it may be formed, 6207
Sharp, J. C.
Speech [in favor of bill to change swamp land fund to primary school fund], 6208
Shaw, J. T.
Interstate commerce act, 6209
———, L. L.
Industries of Grand Rapids, 6210
[———, R. S.]
Alfalfa, 6211
College farm buildings, 6212
Cull beans as food for swine, 6213
Digester tankage for swine, 6214
Dried beet pulp for fattening sheep, 6215
—— —— —— —— ——— steers, 6216
Equipment for breeding, feeding, care and management of swine, 6217
Feeding whole grain, 6218
First annual report of grade dairy herd, 6219
Methods of breeding for improvement of Mich. cattle, 6220
Mich. agriculture, 6221
Plan for improvement of Mich. cattle, 6222
Roots supplementary to silage for dairy cows, 6223
Succotash, 6224
Shear, C. L.
Grape spraying experiments, 6225
Shearman, F. W.
Michigan. Dept. of public instruction: System of public instruction, 3451
Sheep
Gibbons: Addresses, 8404
Grange: Foot-rot, 1969
———: Observations on disease affecting eyes, 1970
Harwood: Roots vs. silage for fattening lambs, 2075
Michigan. Legislature. Senate. Committee on agriculture: Report on bill to encourage keeping of sheep, 4433
————. Merino sheep breeders' association: Register, 4771
Mumford, F. B.: Fattening lambs, 5500, 5501
————, H. W.: Fattening lambs, comparison of fodders, 5502
Shaw: Dried beet pulp for fattening, 6215
Smith: Fattening lambs, 6272
See also Wool

SHEERAN, W. S.
Detroit. Ordinances, etc.: Revised ordinances, 1261
Sheldon, Mrs. E. M.
Early history of Mich., 6226, 6227
———, G. T.
Mss., 8043, 8052, 8068, 8073
See also Willcox, Sheldon and Gray
———, G.
L. M. Boltwood, 6228
———, T. M.
Mss., 8048
Shepard's Mich. citations, 6229
Sheridan, P. H.
Alger: Eulogy on, 42
Sheriffs
Sessions: Manual, 6201
Sherman, C. E.
Ohio. Co-operative topographical survey: Ohio-Michigan boundary, 5585
———, J. E.
Mich., 7286
———, W. T.
Michigan. Legislature: Memorial proceedings, 3961
——— co.
Port Huron and Fort Gratiot directory, 6230
Sherwood, T. C.
Bank note circulation, 6231
Sherzer, W. H.
Detroit folio, 6232, 7769
Geological report on Monroe co., 6233
——— ——— — Wayne co., 6234
Grabau: Monroe formation, 1836
Surface geology of Monroe co., 7794
Shiawassee county
Beers & co.: County atlas, 7568
Board of supervisors
Michigan. Legislature. Senate. Committee on finance: Report of committee to whom was referred petition in relation to monies stolen, 4501
———. ———. ———. Committee on state affairs: Report of committee to whom was referred petition for amendment to joint resolutions no. 18, 4684
Farm journal directory, 1649
History, 2171
Map of counties of Genesee and Shiawassee, by Geil and Jones, 7455
[——], by U. S. Postoffice dept., 7569
Michigan. Legislature. House. Committee on towns and counties: Report adverse to vacation of county seat, 4244
———. ———. ———. ——— ——— — ——— — ———: Report on questions relative to vacation of present county seat of Shiawassee co., 4245, 4246
———. ———. Senate. Committee on towns and counties: Report relative to annexation of certain towns, 4696

SHIAWASSEE COUNTY—Continued
———. ———. ———. ——— ——— — ——— — ———: Report in relation to removal or vacating county seat, 4697
Ogle & co.: Standard atlas, 7570
Polk & co.: Directory, 5781
Portrait and biographical album, 5829
Treasurer
Michigan. Legislature. House. Committee on the judiciary: Report of committee to whom was referred resolution relative to money stolen from, 4145
Shields, E. C.
Michigan. Laws, statutes, etc.: Compiled laws, 3844
———, G. O.
Rustlings in the rockies, 6235
Shine, J. W.
Sault Ste. Marie. Charters: Charter and ordinances, 6142
Shingles
Saginaw daily enterprise: Statistics of manufacture for 1867, 6094
Shinkman, W. A.
240 Schachaufgaben in Grand Rapids, 6236
Shinplasters, see Money
Shipbuilding
Sadler: Some points in connection with shipbuilding on Great Lakes, 6063
Shippers' guide
Rand McNally & co's. indexed county and township map and shippers' guide of Mich., 7323, 7324
——— ——— — ———. ——— map and shippers' guide of Mich., 7335
——— ——— — ———. ——— pocket map and shippers' guide of Mich., 7370
Shipping
Curwood: Great Lakes, 885
Ely: Remarks in opposition to bridge at Detroit, 1598
——: Shall water-way of Great Lakes be obstructed by bridge at Detroit?, 1599
Hall: Marine disasters, 2014
Hamilton: Statement of trade and commerce of Detroit, 2027
Marine history, 2879
Marine review publishing co.: Time and distance tables for lake ships, 2880
Marshall: Building and voyage of Griffon, 2906
Mills: Our inland seas, 5453
Ships, see Steamship lines
Shipwrecks
Law: Heroes of Great Lakes, 2692
Shiras expeditions
Hankinson: Results, 2037
Shober, C., & co.
Grand Rapids, 7710
Shoemaker, M.
Sketch of life, 6252

SHOEPAC RECOLLECTIONS
  Wilcox: Shoepac recollections, 6934, 6935
Shoesmith, V. M.
  Alfalfa growing, 6237
  Corn growing, 6238
  Hairy vetch, 6239
  Sweet clover, 6240
Shooting societies
  Old club: Old club of Detroit, 5591
Shove's business advertiser and Detroit directory, 6241
Shrubs
  Sargent: Crataegus in southern Mich., 6189
[**Sibbald, J. A.**]
  True history of certain fraudulent land entries within limits of Ontonagon and state line railroad grant, 6242
Sibley, A. H.
  Detroit and Milwaukee railroad co.: Mortgage, 1411
———, E. S.
  Mss., 8175, 8178, 8181, 8183, 8185
———, H. H.
  McCourt: History of old Sibley house, 2804
———, H. S.
  Letter books, 8537
———, S.
  Cash book, 8538
  Hamtramck: Power of attorney to confess judgment unto R. & J. Abbott on bond, 8409
  Mss., 8173, 8175
  Note book, 8539
  U. S. President: Commission to, 8591
Sibley
  Polk & co.: Directory, 5787
Siegel, B.
  Official illustrated map and guide of Mich. state fair, 8033
Sifferath, N. L.
  Short compendium of catechism for Indians, 6243
Silk
  Thelan: Memorial relative to silk culture, 6519
Silos
  Cook: Silo and silage, 797
  Jeffery: Cement silos, 2387
  Johnson: Silos, 2416
  [Smith]: Building silos, 6269
Silsby, see Baldwin & Silsby
Silver, A.
  [Michigan. State land office: Statement of number of university and school lands sold], 5005
——— Island
  Lange: Silver Island of Chippewa, 2615
——— mines and mining
  Disturnell: Lake Superior guide, 1525
  History of discovery and workings of mines in Iron River district, 2152
  Rominger: Geology of Lower Peninsula, 6013
SILVER MINING Co. of Silver Islet
  Trowbridge: Mss., 8204
——— Springs
  [Immen]: Silver Springs, 2279
Simon J. Murphy, 6244
Simonds, O. C.
  Michigan. Forestry commission: Mich. forestry, 3547
Simpson, D. F.
  Michigan. Political science association: Papers and addresses on primary reform, 4794
[**———, N. F.**]
  Souvenir booklet of Mich. state prison, 6245
Sims, Mrs.
  Ingals: Fearful tragedy in Medina, 2298
[**Sinclair, D. D.**]
  Proposition for purchase of Southern railroad, 6246
———, P.
  Jenks: Patrick Sinclair, 2397
[**Singleton, R.**]
  Pleasure parties in the Northwest, 6247
Sinking funds, see Michigan. Board of fund commissioners
Skeels, F. C.
  Wheeler: Sketch of original distribution of white pine in Lower Peninsula, 6888
———, F. E.
  [Map of] Waverly, 7753
Sketch of life and public services of L. Cass, 6248
——— — — of H. C. Fairbank, 6249
——— — — of Mrs. M. A. R. Fairbank, 6250
——— — — of William C. McMillan, 6251
——— — — — M. Shoemaker, 6252
——— — J. J. Strang, 6253
Skinner, H. M.
  Primary lessons in geography of Mich., 6254
  Story of Mich., 6255
Slavery
  Address to democracy of Ingham county, 15
  Banks: Oration at celebration in Detroit of abolition of slavery in West Indies, 215
  Barber: Vermontville colony, 217
  Cass: Remarks on presentation of resolutions of instruction, 609
  Freeman's pamphlet, 1754
  MacNaul: Jefferson-Lemon compact, 2859
  Matlack: History of American slavery and Methodism, 2921
  [Michigan. Governor: Communication transmitting preamble and resolutions of legislature of Mississippi in relation to abolition], 3587
  ———. Legislature. House. Committee on federal relations: Report of committee to whom was referred preamble and resolutions relative to slave trade in district of Columbia, 4061

SLAVERY—Continued
——. ——. ——. —— ——— —— ———: Report relative to slavery in territories, 4064
——. ——. ——. —— ——— —— ———: Report relative to slavery in territories, 4071
——. ——. ——. —— ——— —— ———: Report [on extension of slavery and power of Congress over same], 4072, 4073
——. ——. Senate. Committee on state affairs: Report on resolution relative to slavery in District of Columbia, 4667
——. —— ——. ——. Select committee: Report of committee to whom was referred so much of governor's message as relates to abolition, 4742
Smart: Political duties of Christian men and ministers, 6261
Treat: Protest against passage of preamble and resolutions ratifying amendment abolishing slavery in U. S., 6583
Vermont. Governor: Communication transmitting resolutions of Vermont relative to slavery, 6756
See also Anti-slavery; Fugitive slaves; Texas, annexation

Sleeper, A.
Michigan. Governor: [Messages], 3787, 3788

Slocum, C. E.
History of F. Slocum, 6256
History of Maumee River basin, 6257
Ohio country between 1783 and 1815, 6258

——, Frances
Meginness: Biography of, 2938
Phelps: F. Slocum, 5730
Slocum: History, 6256
Todd: Lost sister of Wyoming, 6552

——, Fred
Michigan. State press association: 23d annual conclave and royal outing, 5087

——, Mrs. S. T.
W. H. T.: In Memoriam, 6772

Smalley, H. R.
Management of muck-land farms, 6259

Smallpox
Michigan. State board of health: Prevention and restriction, 4907
——. —— —— — ——: Special reports relative to communicable and preventable diseases, 4930

Smart, J. S.
Funeral sermon of Maine law, 6260
Political duties of Christian men and ministers, 6261
Sermon on women's temperance crusade, 6262
Whisky war in Adrian, 6263

Smit, C. de
Naar Amerika?, 6264

SMITH, A. H.
Michigan. Constitutional convention: Handbook, 3323

——, A. M.
Full and complete description [of] centennial celebration in Manistee, 6265
Varsity views, 6266

——, C. D.
Alfalfa in Mich., 6267
Brief review of special bulletins nos. 24, 25 and 26, 6268
Building silos, 6269
Dairy records, 6270
Experiments with sugar beets, 6271
Fattening lambs, 6272
Feeding corn smut to dairy cows, 6273
Foul brood, 6274
Grade dairy herd, 6275
Grand Traverse disease, 6276
Legumes other than alfalfa, 6277
Observations on influence of nodules on roots upon composition of soy beans and cow peas, 6278
Pig feeding, 6279
Planting sugar beets, 6280
Rape as forage plant, 6281
Shrinkage of farm products, 6282
Some experiments in corn raising, 6283
—— —— with beet pulp as stock food, 6284
—— —— —— poultry, 6285
Sugar beet experiments, 6286
Sugar beets, 6287
—— —— in 1897, 6288
—— —— in Upper Peninsula, 6289
Suggestions on farm accounts, 6290
Wheeler: Sketch of original distribution of white pine in Lower Peninsula, 6888

——, C. L.
Township map of Alcona co., 7408, 7414
—— —— — Montmorency co., 7534
—— —— — Ogemaw co., 7546

——, E. B.
Biographical sketch of H. C. Wyman, 6291

——, —. —., & co.
Peninsula state almanac, 6292

——, E. H.
History of Howell, 6293

——, E. F.
Influence of sewerage and water-supply on death-rate in cities, 6295
Notes on disease known as "little peach," 6294
Sewerage and water-supply, 6296
Wheeler: Catalogue of phaenogamous and vascular cryptogamous plants, 6884

——, G. N.
Miscellaneous mss. for letter of, 8201

——, Mrs. G. N.
Sprague: History of Grand Traverse and Leelanaw cos., 6369

——, H. H.
Michigan. Employers' liability and workmen's compensation commission: Report, 3529

SMITH, H. H.—Continued
———. Laws, statutes, etc.: Tax laws, 3933
———. Pan-American exposition commission: Report, 4784
——, **H. I.**
Archeological survey of Mich., 6297
Catalogue of Saginaw valley, 6298
Notes on data of Mich. archaeology, 6299
Pearse: Crawfishes, 5686
Ruthven: Herpetology of Mich., 6056
Saginaw valley collection, 6300
Summary of archeology of Saginaw valley, 6301
——, **Henry**
Petition for appropriation to aid in developing plan for Elevated Pacific railway, 6392
[——, **Henry H.**]
J. C. Burrows, 6303
Why J. C. Burrows should be expelled from U. S. Senate, 6304
——, **Mrs. H. H. H. C.**
Detroit. Charity festival: Illustrated catalogue, 1057
——, **H. L.**
Michigan. Political science association: Papers and addresses on primary reform, 4794
——, **H. M.**
Historical sketches of old Vincennes, 6305
——, **H. McC.**
Fisheries of Great Lakes, 6306
——, **J. Calvin**
Guide through Ohio, Mich., Ind., Ill., Mo., Wis. and Iowa, 7193, 7199, 7202, 7230
——, **James Cosslett**
Check stub-book, 8540
——, **Joseph M.**
Memorial of Wilder D. Foster, 6307
——, **Joshua T.**
Journal in America, 8541
——, **Mrs. L. A.**
Behind the scenes, 6308
——, **Ralph C., & co.**
Western land office, Detroit, 6309
——, **Richard A.**
Occurrence of oil and gas in Mich., 6310
——, **R. W.**
Petition relative to New Buffalo and the Central railroad, 6311
——, **S. L.**
Prehistoric and modern copper mines of Lake Superior, 6312
——, **S. W.**
On occasion of acceptance of statue of Z. Chandler, 6313
——, **T.**
Whittlesey: Railway connections with Lake Superior, 6919
[——, **W.**]
Historical account of expedition against Ohio Indians in 1764, 6314, 6315

SMITH, W. A.
Eulogy upon life and character of R. A. Alger, 6316
Michigan. Game and fish warden: List of deputy wardens, 3551
Nomination of candidate for U. S. Senator, 1907, 5555
——, **W. H.**
Catalogue of reptilia and amphibia, 6317
——, **Wm. Henry**
St. Clair papers, 6318
——, **W. L.**
Michigan. Dept. of public instruction: Historical sketches of education, 3391
Saginaw. East side public library: Catalogue, 6088
——, **W. L. G.**
Fifty years of public life, life and times of L. Cass, 6319
Smithe, G. C.
Glimpses of places and people and things, 6320
Smoll, A. E.
Patten: Commercial feeding stuffs, 5662
Smyth, H. L.
Clements: Crystal Falls iron-bearing district, 710
Van Hise: Marquette iron-bearing district, 6745
—— ——: Preliminary report on Marquette iron-bearing district, 6744
——, **W.**
Michigan. Legislature. House. Committee on printing: Report of committee to whom was referred bill for state printing, 4203
Snails, land
Walker: Illustrated catalogue of mollusca of Mich., 6786
Snow, C. E.
Jackson. Ordinances, etc.: Ordinances, 2362
Social conference club, 6321
——— **directories,** see Dau's blue book; Grand Rapids society blue book
——— **movements,** see Rural social movements
Societe de secours mutuels et de bienfaisance La Fayette
Acte d'incorporation, constitution, et réglements, 6322
Societies, see name of society
Society for the diffusion of useful knowledge
North America, Upper Canada, Northwest and Mich. territories, 7163, 7164
——— **of the Army of the Tennessee**
Palmer: "To the soldier-dead," 5633
Press headquarters register, 8542
——— **of arts and crafts, Detroit**
Annual report, 6323
——— **of colonial wars. Michigan**
Historical paper, 6324, 6325
Journal of Pontiac's conspiracy, 2425
[Lees]: Journal, 2711
Message of mound builders, 6326
"Paul Revere of the West," 6327

SOCIETY OF MICHIGAN. Lawrence, Kansas
Society of Mich., 6328
——— **of New York,** see Michigan. Society of New York
Soils
Bouyoucos: Effect of temperature on soils, 411
————: Freezing point method means of determining acidity and lime requirements, 412
————: Freezing point method means of measuring soil solution, 413
————: Further studies on freezing point lowering of soils, 414
————: Investigation of soil temperature, 415
————: Soil temperature, 416
Drake: Mamagement of sandy-land farms, 1543
Harris: Soil acidity, 2056
Jeffery: Elementary laboratory study, 2393
———: Sandy soils of western and northern Mich., 2394
———: Soil moisture, 2395
Jodidi: Organic nitrogenous compounds in peat soils, 2403
Kedzie: Mich. soils, 2483
Michigan. State agricultural society: Three lectures, 4849
Morgan: Soil solution, 5484
Rahn: Bacterial activity in soil as function of grain size, 5905
Towar: Soil tests, 6557
U. S. Dept. of agriculture: Soil survey of Pontiac area, 6662
Whitney: Field operations of bureau of soils, 6912
See also Agriculture
Soldiers' and sailors' association, Michigan
9th Annual reunion, 6329
——— **home,** see Michigan. Soldiers' home
———, **old**
Michigan. Laws, statutes, etc.: Laws relating to old soldiers, 3929
——— **relief association,** see Michigan. Soldiers' relief association
———, **relief of**
Michigan. Governor: Messages of H. S. Pingree, 3756
——— **suffrage**
Michigan. Dept. of state: Act authorizing Mich. soldiers to vote, 3466
See also Elections; Suffrage
Solway guild, Detroit
Solway guild, year book, 6330
Some funny things, 6331
Somerville school for young ladies
Annual circular, 6332
Somerville school, 6333
Sons of the American revolution
District of Columbia society
Battle fields of Maumee valley, 6334

SONS OF THE AMERICAN REVOLUTION—Continued
Michigan society
Calendar, 6335
Detroit chapter
Year book, 6339
Society of sons of American revolution, 6336
Year book, 6337, 6338
—— **of Michigan, Washington, D. C.,** see Michigan. State association, Washington, D. C.
—— **of temperance**
Detroit division no. 2
Constitution and by-laws, 6340
Grand Haven division no. 83
Constitution, by-laws and rules, 6341
—— **of veterans**
Detroit tribune: Veteran soldiers' and sailors' hand-book, 1492
Veteran publishing co.: The veteran, 6761
Soo, The, 6342
Sophie B. Wright day nursery
Annual report, 6343
Sorin, S.
[Troop]: Blackbird, 6585
Soule, A. M.
International boundary line of Mich., 6344, 8029
Southern and western boundaries, 6345
Ohio. Co-operative topographic survey: Ohio-Michigan boundary, 5585
Southard, J. H.
Sons of the American revolution. District of Columbia society: Battle fields of Maumee valley, 6334
South Boardman
Polk & co.: Directory, 5763
Southern Michigan
Map of southern part of Mich., by J. Farmer, 7391
Region tributary to Detroit and Miamitown, 7376
——— **railroad**
Michigan. Board of internal improvement: Communication showing number of tons and size of railroad iron purchased for, 3177
——. —— —— —— ——
——: Communication relative to state of labor on, 3179
——. —— —— —— ——
——: Report, 3189, 3190
——. —— —— —— ——
——: Report in compliance with resolution of senate, 3201
——. —— —— —— ——
——: Report relative to damages for right of way, 3204
———. Legislature. House. Committee on the Northern and Southern railroad routes: Report on revision of routes, 4219

SOUTHERN RAILROAD—Continued
———. ———. ——— Committee on Southern railroad: Report of committee to whom was referred bill to amend act to sell railroad, 4220
———. ———. ——— Committee on [illegible]: Report of committee to whom was referred petition for lands for construction of, 4276
———. ———. ———. ———
——— — ——— —— ———: Report of committee to whom was referred bill to amend act to authorize sale, 4277
———. ———. Joint committee: Report on location, 4408, 4409
———. ———. ———
———: Report on northern and southern routes, 4410, 4411
———. ———. Senate. Committee on internal improvement: Report relative to suspension of operations, 4541
———. ———. ———
——— — — ———: Report on bill to amend act of, 4543
———. ———. ———
——— ——— ———: Report relative to, 4544
———. ———. ———
——— — ——— ———: Reports in relation to suspension of proceedings on, 4534
———. ———. ———. Committee on railroad routes: Report of majority of committee to consider propriety of location of route, 4648-4650
———. Treasury dept.: Communication [in compliance with resolution relative to payment of money due from], 5139
[Proposition for purchase], 5879
[Sinclair]: Proposition for purchase, 6246
See also Michigan southern railroad co.
South Haven
[illegible], 5734
——— ——— **Harbor**
Poe: Annual report upon improvement of certain rivers and harbors, 5752
——— ——— **substation,** see Michigan. Agricultural college. Experiment station
South Lyon
Quadrangle map, see Quadrangle maps
Souvenir for home coming at Almont, 6346
——— of copper country, 6347
——— album of Catholic churches, schools and institutions in and around Detroit, 6348
——— of Cadillac day, 6349
——— of Detroit, 6350-6353
——— of Grand Pointe summer resort, 6354
——— of Grand Rapids, 6355
——— of Ludington, 6356
——— of Muskegon, 6357
——— of Petoskey, 6358
SOY BEANS
Smith: Observations on influence of nodules on roots upon composition of, 6278
Towar: Cow peas, soy beans, 6554
Spalding, V. M.
Michigan. Academy of science: Presidential address, 2971
Spanish-American war
Clowes: Detroit light guard, 712
Michigan. Laws, statutes, etc.: Laws relative to military affairs, 3910
———. Quartermaster general's office: Report, war with Spain, 4819
——— volunteers of '98, 5434
See also United Spanish war veterans
Spanish in Michigan
Alvord: Conquest of St. Joseph, 79
Sparks, E. E.
Old North-west leaflets, 5594
Society of colonial wars. Michigan: Historical papers, 6325
Sparta Center
[illegible]: [illegible], 5790
Spaulding, E. G.
Opposition to President's veto of bill to improve St. Clair flats, 6359
Spears, R. S.
Trip on Great Lakes, 6360
Special days
Michigan. Dept. of public instruction: Suggestive programs, 3446
Pattengill: Special day exercises, 5672
Speech
Reed: Speech work in Detroit public schools, 5939
Speed, J. J.
Michigan. Legislature. Senate. Committee on finance: Report on petition, 4479
[Spencer, F. S.]
Saginaw, 6361
———, **M. C.**
Michigan. State board of library commissioners: How to start free public library, 4944, 4945
———. State library: Catalogue, 5028
Women's clubs and public libraries, 6362
Spies public library
Annual report, 6363
Catalogue of Indian and nature studies, 6364
Souvenir, 6365
Spragg, F. A.
Barley improvement, 6366
Red rock wheat, 6367
Wheat improvement, 6368
Sprague, E. L.
History of Grand Traverse and Leelanaw [Leelanau] counties, 6369
———, **R. A.**
Robinson: History of Cheboygan and Mackinac cos., 5992
Saginaw valley and lake shore business gazetteer and directory, 6370

SPRAGUE, T. S.
Visitors' guide and dictionary of Detroit, 6371
Sprang, G. E.
Petoskey and Little Traverse Bay, 6372
Spraying
Cook: Spraying with arsenites, 798
Eustace: Spray and practice outline, 1617
Spring Arbor seminary bulletin, 6373
Spring Lake
Clubb: Spring Lake, 715
[Map of] harbor at Grand Haven, by U. S. War dept., 7942
Polk, Murphy & co.: Directory, 5790
Springer, D. W.
Michigan. State board of accountancy: C. P. A. manual, 4860
Springs, see St. Clair mineral springs co.; St. Louis magnetic spring
Springsteen, B. M.
Petition relative to tax law, 6374
Springwells
Michigan. Legislature. House. Committee on roads and bridges: Report on memorial for authority to maintain bridge, 4224
Robinson: Atlas of Detroit and suburbs, 7646
Spurry
Clute: Spurry, 718
Squashes
Taft: Potatoes, kale, squashes, 6471
Squire, B. S., jr.
Traveller's map of Mich., Ill., Ind. and Ohio, by H. Phelps and B. S. Squire, jr., 7179
Stallions, see Michigan. State veterinary board. Stallion registration division
Stammering
Reed: Method for correction, 5938
——: Method for cure, 5940
See also Lewis school for stammerers
Standard guide, Mackinac Island, 6375
———— **life and accident insurance co.**
Maybury: Mss., 8189
———— **map co.**
Atlas and farm directory of Isabella co., 7478
———— ——— ———— ———— —— Mason co., 7521
Lake shore detailed survey road map of Ill., Ind., Mich., Wis., 7365
Map of St. Joseph co., 7564
Standish, M.
Isham: Frontenac and M. Standish in Northwest, 2346
Stannard Rock
Coast chart no. 3, Lake Superior, by U. S. War dept., 7924
Stanton, E. E.
U. S. lawyer's diary and rule book, 6376
Star Lake romance
Lacy: Star Lake romance, 2582
Stark, G. L.
Letters, 6377

STATE, The, 6378
State affairs, 6379, 6380
——— **agricultural college,** see Michigan. Agricultural college
——— ———— **society,** see Michigan. State agricultural society
——— **auditors,** see Michigan. Board of state auditors
——— **board of health,** see Michigan. State board of health
——— **bonds**
Michigan. Treasury dept.: Communication relative to amount and kind of funds received for, 5135
————. ———— ———.: Communication relative to negotiation and sale, 5140
——— **building lands**
Michigan. Board of state auditors on land claims: Annual report, 3220
————. Legislature. House. Committee for appraisal of university and state building lands: Report, 4174
————. ———— ———. Senate. Committee on public lands: Report of committee to whom was referred resolution to inquire into expediency of reducing price, 4590
——— **capital,** see Michigan. Capital and capitol
——— **constitutions,** see Michigan. Constitutions
——— **day**
Pattengill: Special day exercises, 5672
——— **debt**
[Michigan. Auditor general's office?]: Table showing rate at which sinking fund will liquidate state debt, 3153
——— **dept.,** see Michigan. Dept. of state
——— **fair,** see Michigan. State fair
——— **government,** see Michigan. Politics and government
——— **house of correction,** see Michigan. Building commissioners of the state house of correction; Michigan. Commissioners to locate a state house of correction
——— **institutions,** see Michigan. State institutions
——— **land office,** see Michigan. State land office
——— **lands**
Michigan. Auditor general's office: Reply to resolution relative to, 3125
————. Governor: Communication in relation to depredations upon, 3665
————. ————: Message [returning without signature act for relief of settlers on], 3607
————. Laws, statutes, etc.: Laws relating to state land office, 3899
————. Legislature. House. Select committee: Report of committee to whom was referred petitions in behalf of settlers, 4326

STATE LANDS—Continued
———. ———. Senate. Committee on state affairs: Documents in relation to certain university and state lands, 4676
———. State land office: Communication transmitting statement of state lands trespassed upon during 2 years prior to 1861, 4995
See also Michigan. Public domain commission
——— **library,** see Michigan. State library
——— **maps**
Michigan. Geological survey: Report relative to, 3568
See also Maps; Michigan. Maps
——— **medical society,** see Michigan. State medical society
Statement of affairs of Bank of Washtenaw, 6381
——— — facts relative to troubles in St. Paul's church, Detroit, 6382
——— — salt and lumber business of Saginaw valley, 6383
State military board, see Michigan. State military board
——— **mills,** see Frederick mills
——— **officers,** see Michigan. Officers and employees
——— **press association,** see Michigan. State press association
——— **printer,** see Michigan. State printer
——— **printing,** see Michigan. Legislature. House. Committee on printing; Michigan. State printing
——— **prison,** see Michigan. State prison
——— **psychopathic hospital,** see Michigan. State psychopathic hospital
——— **public school,** see Michigan. State public school
——— **Republican**
Legislative souvenir, 6384
——— **salt inspector,** see Michigan. Salt inspector
——— ——— **springs,** see Salt springs
——— **seals,** see Seals
Statesmen's days
Pattengill: Special day exercises, 5672
State taxes, see Taxation
——— **treasury,** see Michigan. Treasury dept.
——— **tuberculosis sanatorium,** see Michigan. State sanatorium for the treatment of tuberculosis
——— **veterinary board,** see Michigan. State veterinary board
——— ——— **medical association,** see Michigan. State veterinary medical association
Statistical sketch of Mich., 6385
Statistics
Michigan. Railroad commission: Communication and comparative statistics, 4821
Statistics of Mich. compiled from census of 1850, 6386

STATISTICS—Continued
——— of iron ore trade and iron mines of Upper Peninsula, by Mich. geological, 7878
See also Michigan. Statistics; Michigan. Statistics, vital
Statutes, see Michigan. Laws, statutes, etc.
Steamer inspectors' certificates
[illegible], 8072
Steamship lines
Stewart: Memorial asking grant of public lands for "North shore line," 6406
Steamships
Canada. Custom house: Report outwards, 8283
City of Toledo: Ledger, 8297
Hodge: Papers concerning early navigation of Great Lakes, 2179
Michigan. Laws, statutes, etc.: Law regulating steam vessels, 3931
Pine Lake: Logbook, 8510
Ploughboy: Account book, 8514
See also Great Lakes and Great Lakes region; Shipping
Stearns salt and lumber co.
Kalkaska and Antrim cos. and splendid farm lands, 6387
[Stebbins, G. B.]
"British free trade" a delusion, 6388
Western farms and factories, 6389
———, **H. S.**
Mast & co's. new map of Ohio, Ind. and Mich., 7292
Mich., 7300
Plan of Charlevoix summer resort, 8031
Railroad map of Mich. for railroad commissioner, 7305, 7306, 7310, 7311, 7320
Steel, R. G.
League of American wheelmen. Michigan division: Bicycle routes, 2701
Steele, Mrs. E. R.
Summer journey in West, 6390
———, **G. E.**
Pond & co.: New atlas and directory of Grand Traverse co., 7458
———, **J. D.**
Paine: History of iron rails on Mich. southern and northern Indiana railway, 5626
Port Huron and Lake Mich. railroad, 6391
———, **O. G.**
Map of Ohio, Ind., Ill. and Mich., 7185
Western guide book, and emigrant's directory, 6392-6394
Steere, J. B.
U. of M. and saloons of Ann Arbor, 6395
Steinwehr, A. von
Map of Mich. and Wis., 7290
Stephenson, I.
Recollections of a long life, 6396
Steuart, W. M.
U. S. Bureau of the census: Census of manufactures, 6624

STEVENS, A.
Michigan. Legislature. House. Committee on elections: Reports of committee to whom was referred memorial of H. Raymond contesting seat, 4054
———, A. T.
Prevention of stinking smut on wheat, 6397
———, F. W.
City of Grand Rapids, 7715
———, Frederick W.
Michigan constitutional convention of 1850, 6398
———. Courts: Revised rules, 3341
"Reciprocal demurrage," 6399
Revised rules of practice in courts of Mich., 6400
Testimony before committee of legislature, 6401
Treatise on practice in actions at law, 6402
Two-cent passenger fare bill, 6403
Wanted: an impartial Mich. tribunal for trial of special proceedings against railroad cos., 6404
———, G. H.
Transcontinental trip in a Ford, 6405
———, T. W.
Book of words, 6406
———, W. H.
Geological map of trap range of Keweenaw Point, 7783
Stewart, C.
New homes in West, 6407
———, D.
Memorial asking grant of lands for "North shore line," 6408
——— and Fry
Map of Highland Park, Woodward Heights and vicinity, 7727
Stinchcomb, Mrs. H.
History of Ladies' literary club of Grand Rapids, 6409
Stockbridge, F. B.
Michigan. Legislature: Memorial, 3957
U. S. 53d Cong., 3d sess.: Memorial addresses on life and character, 6646
Stock food
Smith: Some experiments with beet pulp as stock food, 6284
——— inspection
Michigan. Live stock sanitary commission: Biennial report, 4767
Stocking, W.
Detroit evening news: Detroit in 1903, 1439
Mich. farmers, 6410
Michigan's New Hampshire pathmakers, 6411
Republican party. Michigan: Proceedings at celebration of 50th anniversary of birth, 5950
Under the oaks, 6412
STOCKMAN, Mrs. D. H.
Coming of Happy Valley Grange to Hard Scrabble Hollow, 6413
Farmerkin's farm rhymes, 6414
Stocks and bonds
Johnson: Mss., 8115
Hubbard and King: Mss., 8123
Stockton, J.
Report communicating report of superintendent of mineral lands on Lake Superior, 6415
Stone, F. D.
Ordinance of 1787, 6416
———, J. A. B.
Michigan. State teachers' association: Memorial, 5110
Record of addresses delivered, poems read, and other exercises, at reunion of former pupils, 5934
———, J. H.
Biographical sketch of Judge B. Harrison, 6417
———, L. H.
Perry: L. H. Stone, 5709
Record of addresses delivered, poems read, and other exercises at reunion of former pupils, 5934
———, Col. S.
Barry: Memorial of, 235
———, W. L.
Historical writings of O. H. Marshall, 2140
Stonington
Polk & co.: Directory, 5767
Stop laws
Michigan. Legislature. House. Committee on the judiciary: Report of committee to whom was referred so much of governor's message as relates to, 4132, 4133
Storrs, L. C.
Correctional work in Mich., 6418
Our county poor-houses, 6419
Penological hints, 6420
Story telling
Adrian story tellers' league: Year book, 26
Stoughton, W. L.
Laws of U. S. granting lands to Mich., 6421
Stout, B. G.
Democratic association of Detroit: Celebration of anniversary of Battle of New Orleans, address by, 945
———, G. S.
Story of year in Missaukee co., 6422
Straits of Mackinac, see Mackinac, Straits of
Straker, D. A.
Circuit court commissioner's guide, 6423
Legal treatise on larceny of dogs, 6424
Strang, C. J.
Beaver Island and its Mormon kingdom, 6425

STRANG, J. J.
Ancient and modern Michilimackinac, 6426-6428
Legler: Moses of Mormons, 2715
[Scrap-book], 6429
Sketch, 6253
Some remarks on natural history of Beaver Islands, 6430
Wright: Lays of lakes, 7047
Stratton, Rev. C. C.
Haven: Autobiography, 2087
———, J. F.
Map of Ann Arbor, 7606
Straw
Kedzie: Composition of wheat and, 2472
Strawberries
Taft: Eighty new strawberries, 6455
——: Notes on, 6465
——: Strawberries, 6482
——: Strawberries and raspberries, 6483
——: Strawberry culture, 6484
——: Strawberry notes for 1899, 6485
——: Strawberry notes for 1901, 6486
Street, T. C.
Detroit and Milwaukee railroad co.: Mortgage, 1412
Streeter, G.
Niles: Military government of district of Lake Mich., 5546
Strickland, W. P.
Old Mackinaw, 6431
Pioneers of West, 6432
Striker, D.
Historical address at Hastings, 6433
Strikes and lockouts
Western federation of miners: Miners' bulletin, 6868
Strong, E.
States of Ohio, Ind., and Ill., and Mich. Territory, 7171
———, H.
Wayne and parts of Washtenaw, Oakland and Macomb cos., 7602
Stuart, C. E.
Remarks on presentation of resolutions of instructions, 609
———, L. G.
Review of "Mich. as a province, territory and state," 6434
Verdict for Mich., 6435
Stuart's last fight
Harris: Stories of Civil war, 2060
Student life and customs
[Cheever]: Stories and amusing incidents, U. of M., 659
Students' songs
Wagner: Mich. university song book, 6777
Welch: Michigan's favorite college songs, 6851
Sturgis. Baptist church
Trowbridge: Pioneer days, 6594
Sub-treasury
Michigan. Legislature. House: Resolutions, 3971

SUBURBAN RAILWAYS
Map of in southeastern Mich., by S. Farmer & co., 8019
Subways
Parsons, Barclay and Klapp: Report on Detroit street railway traffic, 5656
Succession and descent
Union turst co.: Digest of Mich. laws, 6619
See also Inheritance and succession
Succotash
Shaw: Succotash as soiling crop, 6224
Suffrage
Adams: History of in Mich., 10
Arthur: Progress of Mich. women, 156
Chaney: Alien suffrage, 635
Detroit. Committee in behalf of colored citizens: Memorial, 1103
Emerson: Petition that colored people be admitted to all privileges of free whites, 1601
Hawkins: Petition to admit colored men to privilege of elective franchise, 2088
May: Equal suffrage, 2926
Michigan. Legislature. House. Committee on elections: Report of committee [to whom was referred petition for extending elective franchise to women], 4047
———. ———. ———. ——— ——— — ———: Report relative to bill to enable qualified electors in military service to vote, 4050
———. ———. ———. ——— ——— — ———: Minority report on allowing disqualified electors in military service to vote, 4051
———. ———. ———. Committee on Indian affairs: Report [relative to permitting Indians in Emmet and Cheboygan cos. to exercise franchise], 4089
———. ———. ———. Committee on the judiciary: Report on extension of suffrage to colored persons, 4118
———. ———. ———. ——— ——— — ——— ———: Report in relation to striking out word "white" in constitution, 4120
———. ———. ———. Select committee: Report [of] committee to whom was referred petition for amendment expunging word "white" from constitution, 4353
———. ———. ———. ———: Report on soldiers' suffrage, 4354
———. ———. ———. Special committee: Report relative to right of, 4380
———. ———. Senate. Committee on the judiciary: Report on amendment to extend elective franchise to all irrespective of color or descent, 4572

SUFFRAGE—Continued
———. —————. ———. Committee on privileges and elections: Report relative to extending elective franchise to certain citizens, 4630
———. —————. ———. ——— ——— — ————— —— —————: Report in reference to bill to enable qualified electors in military service to vote, 4631
———. —————. ———. Committee on state affairs: Report of committee to whom was referred resolution proposing amendment in relation to qualification of voters, 4663
———. —————. ———. Select committee: Report of committee on soldiers' suffrage, 4745
———. —————. Select joint committee: Report of minority of committee on soldiers' suffrage, 4761
See also Elections; Franchise; Michigan. Equal suffrage association; Michigan. Politics and government; Negroes; Women. Suffrage

Sugar
Michigan. Legislature. House. Committee on agriculture and manufactures: Report of committee to whom was referred resolution relative to manufacture, 3978
See also Beet sugar

——— beets
Kedzie: Sugar beets, 2486
Smith: Experiments, 6271
———: Planting sugar beets, 6280
———: Sugar beet experiments, 6286
———: Sugar beets, 6287
———: Sugar beets in 1897, 6288
———: Sugar beets in Upper Peninsula, 6289
Towar: Experiments with, 6555
———: Sugar beet experiments, 6558
———: Sugar beet investigations, 6559

Summer resort regions
Maps
Mich. east coast resort region, by Pere Marquette railroad co., 7392-7394
Northern Mich. resort region, by Pere Marquette railroad, 7390
Summer resort section of northern Mich., by G. R. & I. railroad co., 7388

———— resorts
[Bramhall]: In summer days, 432
[————]: Summer note-book, 433
[Chicago and northwestern railway co.]: Lakes and resorts, 664
————— —— ———— ——— —.: Summer holiday, 666
Collection of invitations, programs, and of literature by railroad and steamship cos., 8112
[Detroit and Cleveland steam navigation co.]: Omena resort, 1402

SUMMER RESORTS—Continued
———— —— ———— ——— ————.: Where to spend summer, 1403
Detroit, Lansing and northern railroad co.: Detroit and pleasure resorts of northern Mich., 1462
Disturnell: Mackinac, 1524
Foster and Reynolds: Standard guide, 1738
Graham and Morton transportation co.: Graham and Morton line, 1841
Grand Rapids and Indiana railroad co.: Mackinac, 1940
———— ———— —— ———— ———— —. Passenger dept.: Guide to resorts, 1947
[Grand trunk railway co.]: Summer playgrounds, 1962
———— ——— ———— —.: Summer resorts, 1963
[Ingram]: Three on a tour, 2300
MacDonald: Message from the hills, 2855
Michigan central railroad co.: Mackinac Island, 5378
————. State board of health: Mich., a summer and health resort state, 4900
Milwaukee, lake shore and western railway co.: Gogebic and other resorts, 5455
Pere Marquette railroad co.: Mich. summer resorts, 5701
——— ———— ——— —.: Ottawa Beach, 5702
——— ———— ——— —.: Pointe aux Barques resort, 5703
Plan of Charlevoix summer resort, by H. S. Stebbins, 8031
Pointe aux Barques resort association: Pointe aux Barques, 5753
Pointe aux Pins, 5754, 5755
[Reynolds]: Standard guide, 5958
Robinson: History of Cheboygan and Mackinac cos., 5992
Sawyer: Oakland summer homes, 6147
Souvenir of Grand Pointe summer resort, 6354
Standard guide, Mackinac Island and northern lake resorts, 6375
Van Fleet: Summer resorts of Mackinaw region, 6742
Wright: Ottawan, 7050

Sunday
Littlejohn: Constitutional amendment, 2753

——— laws
McCracken: Sunday laws, 2818
Michigan. Legislature. House. Select committee: Report on petitions to prevent running cars on Sabbath, 4343

——— school association, see Michigan. State union Sunday school association

——— ——— convocation and teachers' institute
Proceedings, 6436

SUNDERLAND, J. T.
Ministry of 15 years in college town, 6437
Rev. B. Fay Mills and state university, 6438
Superintendent of public instruction, see Michigan. Dept. of public instruction
Superior, Lake, see Lake Superior
Supervisors
Tibbits: Compend on powers and duties, 6537
Supreme court, see Michigan. Supreme court; Michigan (Ter.) Supreme court
Surgical societies, see Michigan. State eclectic medical and surgical society
Surplus revenue
[Michigan. Governor: Communication transmitting] report and resolutions of legislature of Georgia, 3592
Surveying
Diagram of Mich. showing districts surveyed by U. S. Surveyor general's office, 7209
Sketch of public surveys in Mich., 7203, 7207, 7208
——— — ——— ——— — ———., by U. S. Surveyor general's office, 7214, 7218, 7223, 7236
——— — ——— ——— — northern part of Mich., 7395-7397
U. S. General land office: General instructions to deputies by surveyor general of U. S. for Ohio, Ind. and Mich., 6672
—. —. Treasury dept.: Surveys of public lands, 6690
—. —. War dept.: Survey of Grand River, 6699
See also U. S. Surveyor general's office
Sutherland, J.
Lee: State of Mich., gazetteer and business directory, 2706
————, **J. G.**
Democratic association of Detroit: Celebration of anniversary of Battle of New Orleans, speech by, 945
Swain, J. G.
Letters to mother, 6439
Swamp land commissioner, see Michigan. State swamp land commissioner
——— ——— **fund**
Sharp: Speech in favor of bill to change swamp land fund to primary school fund, 6208
——— ——— **state roads**
Michigan. Legislature. House. Select committee: Report, 4347
————. State land office: Communication relative to, 5000
See also Michigan. Board of control of state swamp land roads
——— **lands**
Howard: Memorial respecting drainage, reclaiming and sale, 2220
Jackson county. Board of supervisors: Resolution in relation to swamp lands, 2369

SWAMP LANDS—Continued
———— ———. Memorialists: Memorial for disposition of swamp lands, 2370
Kedzie: Management of swamps, 2480
Map of original swamp areas of Lower Peninsula, by A. C. Lane, 7857
Michigan. Attorney general's office: Communication [in compliance with request for opinion on constitutionality of act to provide swamps and low lands], 3042
————. Legislature. House. Committee on public lands: Minority report [relative to], 4159
————. ————. ————. ———— ———— — ———— ————: Report on memorial of German American seminary for amendment to act granting, 4155
————. ————. ————. ———— ———— — ———— ————: Report of committee to whom was referred bill to provide for draining, 4160
————. ————. ————. ———— ———— — ———— ————: Report of committee to whom have been referred memorials and petitions relative to sale and drainage, 4161
————. ————. ————. ———— ———— — ———— ————: Report in relation to bill to provide for drainage and settlement, 4162
————. ————. ————. ———— ———— — ———— ————: Report relative to state swamp lands, 4163
————. ————. ————. ———— ———— — ———— ————: Report of committee to whom was recommitted bill to amend act to provide for drainage and reclamation of swamp lands, 4164
————. ————. ————. ———— ———— — ———— ————: Report, 4165
————. ————. ————. ———— ———— — ———— ————: Report relative to swamp and overflowed lands, 4166
————. ————. ————. ———— ———— — ———— ————: Report, 4167
————. ————. ————. Committee on state affairs: Report relative to drainage and reclamation, 4239
————. ————. ————. Special committee: Report relative to bill granting lands in Upper Peninsula to cos., 4381
————. ————. Senate. Committee on education: Report relative to appropriation in aid of colleges, 4460
————. ————. ————. Committee on public lands: Minority report relative to sale and drainage, 4586
————. ————. ————. ———— ———— — ———— ————: Report on resolution to inquire into expediency of granting swamp lands to cos., 4587
————. ————. ————. ———— ———— — ———— ————: Report [relative to] sale and disposition, 4588

SWAMP LANDS—Continued
——. ——. ——. Committee on state affairs: Report of committee to whom was referred bill for drainage and reclamation of swamp lands by system of state roads, 4675
——. State land office: Communication relating to, 4996
——. —— —— ——: Communication transmitting statement of receipts from sales, 4997
——. —— —— ——: Communication giving statement of number of descriptions of legal sub-divisions of unsold swamp lands, 4998
Miscellaneous mss., 8117
Webber: State of Mich. swamp lands, 6845
See also Land; Railroad lands
Swan, L. B.
Journal of trip to Mich. in 1841, 6440
Swarthout, L. F.
Souvenir of Ludington, 6356
Swartz Creek
Polk & co.: Directory, 5768
[Sweet, H. D.]
E. M. Avery, 6441
Sweet clover, see Clover
Sweetser, C. H.
Tourists' and invalids' guide to Northwest, 6442
Swegles, J., jr.
Michigan. Constitutional convention: Journal, 3316
Swift, I.
Fagots of cedar, 6443, 6444
[Swigart, G. W.]
Tract in Mason, Manistee, Lake and Wexford cos., 6445
Swine, see Hogs
Swineford, A. P.
Annual review of iron mining and other industries in Upper Peninsula, 6446
Appendix to history of Lake Superior iron district, 6450
History and review of copper, iron, silver, slate and other material interests of south shore of Lake Superior, 6447
History of Lake Superior iron district, its mines and furnaces, 6449
Menominee iron range, 6448

Tablets, see Monuments
Tabular statement of copper and iron business of Lake Superior, 6451
Tackabury, G. N.
Atlas of Mich., 7312
New sectional map of Upper Peninsula, 7405
——, **R. M.**
Sectional map, 7289
——, —. —. **& S. T.**
Walling: Atlas of Mich., 7278
TAFT, L. R.
Apple orchard, 6452, 6453
Bush fruits, 6454
Eighty new strawberries, 6455
Frozen trees, 6456
Fruit list, 6457
—— notes, 6458
Fruits at agricultural college, 6459
Insecticides and fungicides, 6460
Legislation relating to insects, 6461
Michigan. Agricultural college. Experiment station: Report of South Haven substation, 3020
—— fruit list, 6462, 6463
New danger to fruit growers, 6464
Notes on strawberries, 6465
—— on vegetables, 6466
[Orchard] spraying, 6467
Peach and plum culture, 6468
Pests of orchard and garden, 6469
Potatoes, 6470
——, kale, 6471
—— and potato scab, 6472
——, vegetable tests, 6473
Potato tests, 6474
Raspberries, blackberries and grapes, 6475
Review of special bulletins 27, 28, 30, 31, 6476
Small fruit notes, 6477
—— —— ——, spraying, 6478
—— —— —— for 1904, 6479
—— —— trials at college, 6480
Spraying calendar, 6481
Strawberries, 6482
—— and raspberries, 6483
Strawberry culture, 6484
—— notes for 1899, 6485
—— —— —— 1901, 6486
Tomatoes and potatoes, 6487
Variety tests of vegetables, 6488
Vegetables and bush fruits, 6489
Vegetable novelties and notions, 6490
—— tests, 6491
Vegetables, comparative tests, 6492
——, old and new, 6493
——, varieties and methods, 6494
Talbot, J. A.
Table of cases of all Mich. courts, 6495
Tallman, L. D.
Handy indexed map of Detroit, 7661
Tanner, H, S.
Mich., 7172, 7195
New map of Mich., 7180
Traveller's pocket map of Mich., 7162
——, **J.**
Narrative of captivity and adventures, 6496
——, **T. R.**
New and authentic map of Mich. and Wis., 7155
New sectional map of Mich. and Territory of Wis., 7205, 7206
Tannery business, see Henry, J.

TAPPAN, H.
Pioneer history of St. Clair co., 6497
School law and history and description of educational system, 6498
———, H. P.
Discourse on occasion of inauguration as chancellor of university, 6499
Frieze: Memorial discourse, 1767
President Tappan's message to law congress of U. of M., 6501
Public education, 6500
Report in relation to university, 6502
Review of connection with U. of M., 6503
The university, 6504
University question, nature of its government, 6717
Tarhe, Wyandot chief
Taylor: Harrison-Tarhe peace conference, 6508
Tariff
Brewer: Speeches, 436
Michigan. Governor: Special message with documents, 3626
———. Legislature. House. Committee on agriculture and manufactures: Report of committee to whom was referred so much of governor's message as relates to tariff, 3977
———. ———. ———. Committee on manufactures: Report relative to, 4179
———. ———. Senate. Committee on state affairs: Report of committee to whom was referred resolution relating to protection of American industry, 4685
———. Lumbermen: Facts and figures against passage of Chicago relief bill, 4768
Patton: Wilson bill and Mich., 5676
Saginaw valley. Lumbermen: Tariff on lumber, 6101
[Stebbins]: Western farms and factories, 6389
Stocking: Mich. farmers, effect of Wilson-Gorman act, 6410
Ward: Protection vs. free trade, 6797
———: Reasons why Northwest should have protective tariff, 6798
Whig party. Michigan. State central committee: To people of Mich., 6892
Wisner: Address to people of 3d congressional district, 6997
Woodbridge: Mss., 8051
See also Free trade
[Tateum, W. A.]
"Before the blazing back-log", 6505
Tatham, W.
Rough sketch of part of Wayne co., 7585
Tawas Harbor
Preliminary chart, by U. S. War dept., 7958

TAXATION
Clapperton: Address, taxation in constitution, 688
Colt: Payment of taxes under protest, 747
Commercial credit co.: Tax list of Grand Rapids, 758
Dickinson: Railroad property exempt, 1506
Freeman: [Equal taxation], 1753
Genesee county. County commissioners: Petition praying for law for collection of certain tax, 1796
[Grand Rapids and Indiana railroad co.]: Legislation conferring land grant, 1939
Hedrick: History of railroad taxation in Mich., 2095
[Jackson, Lansing and Saginaw railroad co.]: Lands exempt from general taxation, 2374
Michigan. Attorney general's office: Communication relative to state taxes, 3064
———. Auditor general's office: Report in relation to taxes of 1838 being charged back to certain cos., 3135
———. ——— ——— ———: Report relative to specific state taxes, 3140
———. ——— ——— ———: Statement of apportionment of state taxes, 3149
———. Board of state tax commissioners: Cash value assessments, 3229
———. ——— ——— ——— ——— ———: Communication transmitting data relative to operation of tax laws, 3230
———. Commission of inquiry into taxation: Report, 3266, 3267
———. Legislature. House. Committee on state affairs: Report on certain resolutions [relative to taxes], 4240
———. ———. ———. Committee on ways and means: Report of committee to whom was referred memorials relative to return of taxes to auditor general's office, 4281
———. ———. ———. ——— ——— ——— ——— ——— ———: Report of committee to whom was referred resolution in relation to return of delinquent taxes and proceedings in relation thereto, 4282
———. ———. ———. ——— ——— ——— ——— ——— ———: Report on state and county taxes, 4283
———. ———. ———. ——— ——— ——— ——— ——— ———: . Report in relation to specific state taxes, 4284
———. ———. ———. Select committee: Report on causes of unequal taxation, 4356
———. ———. Senate. Committee on finance: Report relative to state taxes, 4504

TAXATION—Continued
————. —————. ————. Committee on roads and bridges: Report relative to highway taxes, 4656
————. —————. ————. Committee on state affairs: Report on petition for extension of time for collection of taxes for 1839, 4686
————. Political science association: Taxation, 4798
————. State association of supervisors: Fifteenth annual session, 4857
————. State board of equalization: Proceedings, 4878
————. State land office: Report on tax homestead lands and collection of delinquent taxes, 5003
————. State tax association: Proceedings, 5107
————. ——— —— ————: Tax bulletin, 5108
————. State tax statistician: First annual report, 5109
————. Treasury dept.: Communication relative to amount of tax paid by banks, 5129
————. ———— ———.: Report in relation to taxes, 5154
Prudden: Corporate excess tax plan, 5891
Schaffner: Territorial tax legislation, 6153
Springsteen: Petition relative to, 6374
Van Buren county. Citizens: Proceedings of meeting at Paw Paw, 6735
Wright: Assessor's manual, 7043
See also Delinquent taxes; Detroit. Taxation; Equal taxation; Michigan. Board of state tax commissioners; Railroad lands

Tax commissioners, see Michigan. Board of state tax commissioners

Taxidermy
Richter: Secrets of taxidermy revealed, 5977

Tax lands
Michigan. Commission of inquiry, tax lands and forestry: Report, 3260
Wilkinson and Post: Mss., 8167

—— laws
Backus: Petition asking changes, 168
Michigan. Laws, statutes, etc.: General statutes, 3930
————. ———, ————, ———.: Laws relating to state land office, 3898
————. ———, ————, ———.: Tax laws, 3932-3935

—— titles
Michigan. Legislature. House. Committee on the judiciary: Report of committee to whom was referred bill relative to, 4153

Taylor, B. F.
T. Trent, 6506

TAYLOR, C. O.
Administration of workmen's compensation benefits, 6507

———, E. L.
Harrison-Tarhe peace conference, 6508

———, F. B.
Leverett: Pleistocene of Ind. and Mich., 2725

———, F. H.
[Detroit and Cleveland steam navigation co.]: Lake tour to Mackinac, 1399, 1400

———, R. L.
A year with bees, 6509

———, W. W.
Grand Rapids. Charters: Revised charter, 1883
——— ————. Ordinances, etc.: Ordinances, 1909

Teachers and teaching
Michigan. Dept. of public instruction: Arithmetic teaching, 3361
————. ———. — ——— —————: Catalogue of state teachers' institutes, 3364
————. ———. — ——— —————: Certification of teachers, 3365
————. ———. — ——— —————: County teachers' examinations, 3374
————. ———. — ——— —————: Manual and course of study, 3401
————. ———. — ——— —————: Teachers' examinations, 3452
————. Federation of teachers' clubs: Bulletin, 3539
———— journal of education, 5405
————. Laws, statutes, etc.: Act to provide retirement fund, 3936
————. State normal school. Training school dept.: Suggestive outlines of courses of study, 5084
———— teacher, 5425
———— teachers' directory, 5426
————. University: List of students who have pursued courses in science and art of teaching, 5193
Washtenaw county. Teachers' institute: Catalogue, 6813
See also Education; Michigan. Schoolmasters' club; Michigan. State teachers' association; Normal schools; Object-teaching; Schools

Teachers' association, see Michigan. State teachers' association

———— institutes
Michigan. Christian teachers' institute: Six lectures, 5384
————, Dept. of public instruction: Teachers' institutes, 3453
————. Legislature. House. Committee on education: Report relative to act establishing, 4035

Technic, The, 6510

TECHNICAL EDUCATION
Michigan. Commission on industrial and agricultural education: Report, 3259
Warriner: All-day trades school, 6805
————: Industrial and vocational training, 6806
See also Education; Manual training
Tecumseh, Chief
Cook: Six months among Indians, 803
Hatch: Chapter of history of War of 1812, 2085
Law: Colonial history of Vincennes, 2689
———— **branch railroad**
[Proposition for purchase], 5879
Tecumseh
Charter, 6511
Teeth, see Mouth hygiene
Teevin, T. W.
Hand book and guide to places of interest in Grand Rapids, 6512
Telephones
Burch: Telephone rates in Detroit, 494
Temperance
Kitchel: Law of reform, 2554
Michigan. Dept. of public instruction: Temperance, 3455
Rix: Temperance address, 5985
Smart: Sermon on Women's temperance crusade, 6262
Withington: Cutting to quick, 6999
Woman's Christian temperance union of Michigan: Proceedings of annual convention, 7009
See also Detroit. Young men's temperance society; Liquor; Prohibition
————, **Sons of,** see Sons of temperance
Ten Brook, A.
American state universities, 6513
Tennessee, see Society of the Army of the Tennessee
Tenney, H. A.
Michigan. State library: Catalogue, 5021-5027
————, **J. E.**
Michigan. State library: Catalogue, 5016-5020
Territorial roads, see Roads
Territory of Michigan, see Michigan (Ter.)
Terry, F. T.
Aborigines of Northwest, 6514
Texas, annexation
Michigan. Governor: Message transmitting resolutions of Ohio and Alabama relative to annexation, 3601
————. Legislature. Senate. Committee on state affairs: Report in relation to annexation, 4687
Text-books
[Guffin]: Report of hearing on school book legislation, 1999
Michigan. Dept. of public instruction: 1st supplementary list of books and prices, 3388

TEXT-BOOKS—Continued
————. ———. — ——— ————:
List of books and prices, 3400
————. ———. — ——— ————.
Revised list of books, 3421, 3422
————. ———. — ——— ————:
Second supplementary list of books, 3431
————. ———. — ——— ————:
Text-book legislation, 3456
Payne: State uniformity, 5685
Unabridged report of Straight-Pattengill debate on school book legislation, 6613
Thanksgiving
Pattengill: Special day exercises, 5672
Thatcher, B. B.
Indian biography, 6515
————, **M. P.**
Hundred battles in West, 6516
Thayer, G. W.
From Vermont to Lake Superior, 6517
————, **S. B.**
Memorial on subject of establishing chair of homoeopathy in U. of M., 6518
Theatre. Little theatre movement
Cheney: Art theatre, 660
Thelan, N.
Memorial relative to silk culture, 6519
Theophilus Trent
Taylor: T. Trent, 6506
[**Thoits, A. T.**]
Souvenir, Grand Rapids board of trade outing, 6520
Thomas, H. F.
Twentieth century history of Allegan co., 6521
————, **J. M.**
Jackson city directory, 6522
Kalamazoo co. directory, 6523
————, **S. E., & co.**
Woodmere cemetery, 6524
Thompson, A. B.
In memoriam, 2301
————, **C.**
Ruthven: Herpetology of Mich., 6056
————: Miscellaneous papers on zoology, 6057
————, **D.**
Remarks on maps from St. Regis to Sault Ste. Marie, 6525
Woodbridge: Memorial for relief against taxes and other burthens in 9th ward, Detroit, 7032
————, **E. B.**
The times that were, 6526
————, **H.**
Ruthven: Herpetology of Mich., 6056
————, **H. C.**
Map of Chippewa co., 7442
————, **T. S.**
Chart of Eagle Harbor, 7940, 7970
———— — Marquette Bay, 7896
Copper Harbor, 7936
Sailing chart of south shore of Lake Superior, 7918
Sketch of Ontonagon Harbor, 7952

THOMPSON, W. B.
Detroit. Mayor: Message, 1226, 1227
——, **W. G.**
Detroit. Mayor: Message, 1216, 1217
—— **home for old ladies**
Articles of association and by-laws, 6527, 6528
Thompson's school, St. Clair
Palmer: Mr. Thompson's school, 5632
Thomson, E. H.
Michigan. Legislature. Senate. Committee on claims: Report of committee to whom were referred accounts and vouchers of, 4456
——, **J.**
Northern provinces of U. S., 7138
Three Rivers
Annual reports, 6529
Board of education
Course of study of public schools, 6530
—— — public works
Annual report, 6531
Charter and ordinances, 6532
Michigan. Historical commission: Prize essays, 3803
Quadrangle map, see Quadrangle maps
Threshing machines
Michigan. Laws, statutes, etc.: Act providing for registration and licensing, 3937
Thrift teaching
Michigan. Dept. of public instruction: Thrift teaching, 3458
Thrilling narratives from sufferers of late Detroit riot, 6533
Thumb
Bad Axe, thumb's best town, 169
Thunder Bay
[Map of] Thunder Bay, by U. S. War dept., 7931, 7932
—— — **Harbor**
Poe: Annual report upon improvement of certain rivers and harbors, 5752
—— — **River**
Map of drainage basin of Thunder Bay River, 7403
[—— —] Thunder Bay River basin, by J. F. Nellist, 7402
Poe: Annual report upon improvement of certain rivers and harbors, 5752
Thwaites, R. G.
Boundaries of Wis., 6534
How G. R. Clark won Northwest, 6535
Leeth: Short biography, 2713
Story of Mackinac, 6536
Tibbits, J. S.
Compend on powers and duties of supervisors, 6537
Compilation of laws in relation to fees and salaries of public officers, 6538
Tides
Whiting: Remarks on supposed tides and periodical rise and fall of North American lakes, 6908
TIFFANY, A. R.
Treatise on criminal law of Mich., 6539-6541
—— — powers and duties of justices of peace in Mich., 6542-6546
Tillage
Fulton: Methods and results, 1776
Timber lands, see Lumbering
Times that were
Thompson: The times that were, 6526
Tinckham, R.
Miscellaneous mss., 8201
Tindall, G. P.
Michigan. University: Memorial, 5196
Tinker, A. D.
Pearse: Crawfishes, 5686
Tipton, J. C.
Tourist and investor, 6547
Tisdale, H.
Michigan. State library: Catalogue, 5014
Titchworth, A.
Michigan. Legislature. Senate. Committee on claims: Report of committee to whom was referred claim, 4457
Titles, see Tax titles
Titus, C. O.
Atlas of Allegan co., 7410
Hayes: Atlas of Grand Traverse co., 7457
——: —— — Isabella co., 7476
——: —— — Leelanau co., 7508
——: —— — Mecosta co., 7522
——: —— — Newaygo co., 7538
——: —— — Osceola co., 7547
Lake: Atlas of Barry co., 7418
——: —— — Berrien co., 7425
——: —— — Branch co., 7428
——: —— — Cass co., 7437
——: —— — Clinton co., 7443
——: —— — St. Joseph co., 7561
——: —— — Van Buren co., 7572
——, **J. H.**
Michigan. Legislature. Senate. Committee on internal improvement: Report of committee to whom was referred proposition to lease Central railroad, 4546
Proposition to lease Central railroad, 6548
Tivy, J. A.
Souvenir of the 7th, 6549
Tocqueville, A. C. H. M. C. de
De Tocqueville's voyage en Amérique, 6550
Quinze jours au désert, 6551
Todd, J.
Lost sister of Wyoming, 6552
——, **R. E.**
Michigan. Housing commission: Report, 3811
Toledo, Ann Arbor and north Michigan railway
Colton's map, 8020

TOLEDO AND SAGINAW BAY RAILROAD
  Map, by G. W. & C. B. Colton & co., 8021
Toledo war
  Michigan. Commissioners to audit the claims for supporting the supremacy of the laws: Report, 3282
  [————. Treasury dept.: Statement of moneys paid for maintaining supremacy of laws], 5158
  Way: Facts and historical events, 6819
  Wadsworth: Mss., 8177
  See also Michigan. Boundaries
Tollman, J. L.
  Petition asking laws be amended to allow overseers of highways to be appointed and appropriations for roads and bridges made at noon on election days, 6553
Tolls
  Michigan. Legislature. Senate. Committee on state affairs: Report on project to levy unequal tolls on commerce through Oswego canal, 4688
Tomatoes
  Coons: Leaf-spot disease, 819
  Fletcher: Pollination, 1707
  Levin: Leaf-spot disease, 2730
  Taft: Potatoes, kale, squashes, tomatoes, 6471
  ——: Tomatoes and potatoes, 6487
  See also Vegetables
Tcmlinson, S. A.
  Michigan. State library. Law dept.: Catalogue, 5052
Toms, R. P.
  Mss., 8041, 8042, 8057, 8058, 8069, 8071, 8079, 8081, 8083, 8085, 8087, 8089, 8091, 8093, 8095, 8097, 8099, 8103, 8120, 8124, 8192
  See also Howard and Toms; Toms and Chase; Toms, Cargill and Chase
—— and Chase
  Mss., 8041, 8095, 8097
——, Cargill and Chase
  Mss., 8041, 8081, 8087
Tonti, H. de
  Catherwood: Story of Tonty, 618-620
Topographic atlas sheets, see Quadrangle maps; U. S. Geological survey
Torch Lake
  [Map of] Keweenaw waterway, including Torch Lake, by U. S. War dept., 7933
Tote-road and trail
  Malloch: Tote-road and trail, 2866
Towar, J. D.
  Cow peas, soy beans and winter vetch, 6554
  Experiments with sugar beets, 6555
  Sand lucerne, 6556
  Soil tests on upland and muck, 6557
  Sugar beet experiments, 6558
  Sugar beet investigations, 6559
[Tower, L. W.]
  Builders of greater Grand Rapids, 6560
TOWER, O.
  Miscellaneous mss., 8182
Tower
  Polk & co.: Directory, 5765
Town of Huron, at foot of Lake Huron, 6561
Towns
  Michigan. Attorney general's office: Opinion on constitutionality of acts authorizing towns and cities to raise money to aid railroads, 3069
  See also Cities; Michigan. Legislature. House. Committee on towns and counties; Michigan. Legislature. Senate. Committee on towns and counties
Township libraries
  Michigan. State board of education: Memorial, 4876
———— **officers' guide,** see Local government
———— **unit system**
  Michigan. Dept. of public instruction: Township unit system, 3460
Townships
  Green: Treatise on, 1983, 1984
  Laws
    Michigan (Ter.) Laws, statutes, etc.: Actes relatifs aux, 5339
    ———— (———.) ———, ————, ———.: Township laws, 5348
  Maps
    Colton's county and township maps of Ill., Wis., Minn., Iowa and Mo., with parts of Ind., Mich., Kan. and Nebr., 7252
    ——— railroad and township map, western states, 7221
    — —— township map of Mich., 7281, 7284
    Cram's railroad and towsnhip map of Mich., 7304
    ——— township and railroad map of Mich., 7313
    Farmer's railroad and township map of Mich., 7249, 7255, 7261, 7267, 7270, 7273, 7276
    Hubbard and King: Mss., 8123
    Official map of Mich., by Railroad commissioner, 7314
    Rand, McNally & co's. indexed county and township map and shippers' guide of Mich., 7323, 7324
    ——, ———— — ——. indexed map of Mich., 7307
    ——, ———— — ——. indexed map and shippers' guide of Mich., 7335
    ——, ———— — ——. map of Mich., 7295
    Township map of Lake Superior region, 7401
    ———— —— — Mich., by Ensign, Bridgman and Fanning, 7229
  See also Local government
Towsley, A. W.
  Appeal to legislature and people for fair treatment to railroads on question of increased fares, 6562

TRAILING ARBUTUS
Belknap: Legend, 339
Tramps
Michigan. State library. Legislative reference dept.: Laws relating to vagrancy, 5059, 5060
Transeau, E. N.
Bogs and bog flora of Huron River valley, 6563
Transportation
Beals: Commercial, industrial and transportation interests of Detroit, 320
Beers & co.: History of Great Lakes, 334
Benton: Wabash trade route, 346
Dickinson: Railroad property exempt from local taxation, 1506
U. S. Deep waterways commission: Report, 6661
See also Shipping
Trask, A.
Brief upon insurance laws of Mich., 6564
Briefs and notes on statutes and decisions of Mich., 6565
Index of Mich. statutes, 6566
Notes on laws of evidence, 6567
Time, in practice, and index to forms and precedents, 6568
Travel, see Michigan. Description and travel; U. S. Description and travel
Traveling libraries
Michigan. State board of library commissioners: State aid to libraries, 4951
————. State library: [History of movement], 5039
————. ——— ———: Traveling libraries, 5050
Traverse Bay region
Ward: Biological examination of Lake Mich., 6799
Traverse City
Annual reports, 6569
Board of education
  Announcement and course of study, 6570
  Proceedings, 6571
Board of trade
  Grand Traverse fruits and agriculture, 6572
Charter, 6573, 6574
City commission
  Official proceedings, 6575
Common council
  Proceedings, 6576
  Report of special water supply committee, 6577
Directories
  Polk & co.: Directory, 5763, 5786
History
  Michigan. Historical commission: Prize essays, 3803
Ladies' library association
  Catalogue and constitution and by-laws, 6578
Public library
  Annual report, 6579
Traverse City state hospital, see Michigan. Traverse City state hospital

TRAVERSE REGION
Grabau: Stratigraphy of the Traverse group, 1837
[Lane]: Limestones, 2604
The Traverse region, historical and descriptive, 6580
Traverse shores
Bates: Along Traverse shores, 242
Travis, B. F.
Story of 25th Mich., 6581
Treadwell, S. B.
Petition for chair of homoeopathy in university, 6582
Treat, L. L.
Protest against passage of preamble and resolutions rectifying amendment abolishing slavery in U. S., 6583
——— **bros.**
Pocket atlas of Lenawee co., 7513
Trees
Bailey: Notes on, 181
Beal: Branches of sugar maple and beech as seen in winter, 295
——: Lessons on growing forest trees, 302
——: Why not plant a grove?, 319
Otis: Mich. trees, 5617
Sargent: Crataegus in southern Mich., 6319
See also Arbor day
Trent, T.
Taylor: T. Trent, 6506
Trenton
Polk & co.: Directory, 5787
Trials
Michigan. Legislature. House. Committee on the judiciary: Report on recommending passage of bill to provide trial of offences, 4150
See also Evidence; Witnesses
Trichiniasis
[Baker]: Trichiniasis in Mich., 198
Trimble, G.
Lake pilots' handbook, 6584
Trine, D. W.
Taft: Legislation relating to insects, 6461
[**Troop, Mrs. E. W. S.**]
Blackbird, 6585
Trout
Metcalf: Success in propagating Cal. trout, 2959
Trowbridge, C. A.
Petition for law authorizing business of banking, 6586
————**, C. C.**
Amboy, Lansing and Traverse Bay railroad co.: Letter book, 8214
Bank of Michigan: Letter book, 8232
Campbell: Biographical sketch, 566
Cash books, 8543
Check stub-books, 8544, 8545
Communication on behalf of Historical society of Mich., 6587
Detroit and Milwaukee railroad co.: Diary, 8344
———, past and present, 6588

TROWBRIDGE, C. C.—Continued
Expense books, 8546
History of Episcopal church in Mich., 6589
Inventory books, 8547
Land book re Allegan adventure, 8548
Ledger, 8549
Letter books, 8550, 8551
Manhattan banking co.: Account [book], 8457
Mss., 8107-8110, 8113, 8158, 8197
Schedule of lots in Allegan for sale by M. A. Hubbard, 6154
Tributes to his memory, 6590
Trowbridge testimonial, 6591
See also Detroit and Milwaukee railroad: Lansing and Howell plank road co.
——————, —. —., **estate**
Check stub-book, 8552
Inventory book, 8553
Investment ledger, 8554
Journal, 8555
——————, **L. S.**
Mss., 8188, 8204
"Michigan troops in the Battle of Gettysburg", 6592
——————, **M. E. D.**
History of Baptists in Mich., 6593
Pioneer days, 6594
——————, **R. E.**
Mich. contested election, 6595
——————, **W. P.**
Michigan. University. Museum of natural history: Catalogue, 5309
—————— testimonial, 6591
True, G. H.
Discussion of farm dairy methods, 6596
——, **M. A.**
Official city guide of Grand Rapids, 6597
——, **M. C.**
[Michigan. Dept. of public instruction]: Preferred list of books, 3417, 3418
Truesdail, W.
Detroit. Savings bank vs. W. Truesdail et al, 8334, 8335
Journal, 8556
Ledger, 8557
Trumbull, J.
Mss., 8051
Trust companies, see Union trust co.
Tucker, J. R.
Oration, 6598, 6599
———, **W. D.**
Gratiot co., 6600
Tuberculosis
Detroit news: White plague's work, 1465
Grand Rapids. Board of health and poor commissioners: Survey of 5 years at sanatorium, 1867
[Marshall]: Tuberculosis, 2900-2902
Michigan. Dept. of public instruction: Five lessons on tuberculosis, 3389
————. State board of health: Great white plague, 4897
————. ——— ——— — ———: Report of survey, 4923

TUBERCULOSIS—Continued
————. State sanatorium for the treatment of tuberculosis: Biennial report, 5105
————. University. University hospital: Clinic for examination and treatment, 5320
See also Michigan. Anti-tuberculosis association
———— **in cattle**
Grange: Tuberculosis in cattle, 1971
Hallman: Tuberculin tests, 2021
Tuller, W. H.
Hartwick: Oceana co. pioneers and business men, 2069
Tunison, H. C.
New distance and indexed map of Mich., 7345
Tunneling
Godfrey: Detroit River tunnel, 1820
Tupper, W. S.
Address before commercial class of U. of M., 6601
Turner, F. J.
Outline studies in history of Northwest, 6602
West as field for historical study, 6603
———, **G.**
International joint commission: Opinion in application of Mich. northern power co. for approval of lease, 2325
———, **G. H.**
Michigan. Adjutant general's office: Record of service of Mich. volunteers, 2976
———, **I.**
Statement before committee on public lands, 6604
———, **T. G.**
Gazetteer of St. Joseph valley, 6605
Turrill, J.
Michigan. Legislature. House. Committee on elections: Report in case of contested seat, 4056
Tuscola county
History, 2172
Map, by U. S. Postoffice dept., 7571
—— of Saginaw and Tuscola with part of [other] cos., by D. A. Pettibone, 7555
Portrait and biographical record, 5830
Topographical map, by C. A. Davis, 7812
Tustin
Polk & co.: Directory, 5763
Tuttle, A. H.
Michigan. Political science association: Papers and addresses on primary reform, 4794
——, **Chas. R.**
Centennial Northwest, 6606
General history of Mich., 6607
History of Grand Rapids, 6608
——, **Christopher**
Journal, 8558
——, **J. F.**
Society of colonial wars. Michigan: Paul Revere of West, 6327

[TUTTLE, S.]
- Conversations on Mackinaw and Green Bay Indian missions, 6609

Twentieth century club of Detroit
- Home and school gardening committee
  - Annual report, 6611
- Twentieth century club, 6610

Twiss, G. H.
- Bradley: Journal, 426

Two cent fare
- Michigan. Governor: Message of Gov. Warner relative to proposed law, 3767

Tyler, E. B.
- Michigan. Legislature. Senate. Committee on privileges and elections: Report in contested case, 4632, 4633
- Petition contesting seat of E. B. Pond for 7th district, 6612

Typhoid fever
- Lyster: Report on typhoid fever among school children of Adrian, 2785
- ———: Report on limitation and prevention, 2787
- McLaughlin: Sewage pollution of interstate and international waters, 2843
- Michigan. State board of health: Contributions to study of cause, 4888
- ———. ——— ——— — ———: Prevention, 4908
- ———. ——— ——— — ———: Special reports relative to communicable and preventable diseases, 4930
- ———. ——— ——— — ———: Statement of facts concerning cases, 4932
- ———. ——— ——— — ———: Typhoid fever, 4934
- Vaughan: Observations on typhoid fever in Detroit, 6752

Tyron, J. E.
- Detroit. Firemen's fund association: Souvenir, 1142

Unabridged report of Straight-Pattengill debate on school book legislation, 6613

Underground railroad
- Coffin: Reminiscences, 726

Under the Oaks
- Republican party. Michigan: Under the oaks, 5951
- Stocking: Under the oaks, 6412

Union City
- Michigan. State board of health: Contributions to study of spread of diphtheria, 4889

—— league of America
- Michigan. Grand council
  - Abstract of proceedings, 6614
  - Proceedings, 6615

—— mission Sunday school of Detroit, its history, 6616

—— Pacific railroad
- Joy: Mss., 8136

—— prisoners of the war association
- Veteran publishing co.: The veteran, 6761

UNION PUBLISHING Co.
- Business and professional directory of Kent co., 6617

—— trust co.
- Advantages, 6618
- Digest of Michigan laws governing descent and distribution of property, 6619
- S. J. Murphy, 6244
- Twenty-five years of humanities and benefits, 6620
- Union trust co., descent and distribution, 6621

—— veterans' union
- Detroit tribune: Handbook, 1492

United Spanish war veterans. Dept of Mich.
- Proceedings of annual encampment, 6622

United States
- Antiquities
  - Schoolcraft: Archives of aboriginal knowledge, 6159
- Army
  - Commissary dept.
    - Detroit
      - Bakehouse accounts, 8560
      - Ledger of contractor's agent, 8561
      - Letter book of J. Henry, 8562
      - Stock account books, 8563
    - Ledger for supplies in account with J. O'Hara, 8559
    - Mackinac
      - Inventory of rations, 8564
  - Quartermaster's dept.
    - Palmer: Mss., 8200
    - Sibley: Mss., 8173, 8175, 8178, 8181, 8183
- Attorney. Michigan district
  - Docket of cases, 8565
  - Letter books, 8566, 8567
- Board of commissioners of Indian affairs
  - Report, 6623
- Bureau of the census
  - Census of manufactures, 6624
  - [Census rolls of Michigan Territory], 8568
  - Special census of population of Hamtramck, 6627
  - ——— ——— — ——— — Highland Park, 6628
  - ——— ——— — ——— — St. Clair Heights, 6629
  - Thirteenth census with supplement for Mich., 6625
  - ——— ———, statistics for Mich., 6626
- ——— — labor statistics
  - U. S. Dept. of labor: Mich. copper district strike, 6664, 6665
- Census, see U. S. Bureau of the census
- Circuit court
  - Eastern district of Michigan
    - J. W. Mackintosh vs. Flint and Pere Marquette railroad co., 6630
    - Term docket for Judge Wilkins, 8569

UNITED STATES—Continued

- Western district of Michigan
  - Powers: Mich. central vs. P. F. Powers, 5863
  - ———: Numerous railway companies vs. P. F. Powers, 5864
  - Southern division in equity
    - Michigan railroad tax cases, 6631
- Circuit and district courts
  - District of Michigan
    - Rules, 6632, 6633
- Commission of fish and fisheries
  - Jennings: Rotatoria of U. S., 2401
- Congress
  - Act to establish boundary of Ohio and for admission of Mich., 6635
  - — making grant of alternate sections of lands to Mich. to aid construction of railroads, 6636
  - Committee on plan of government of western territory
    - Report, 8570
  - Eulogies on Z. Chandler, 6638
  - House
    - Beakes: Contested-election case, 293
    - Committee of elections
      - Mich. election, 6651
    - ———— on the judiciary
      - Northern boundary of Ohio and admission of Mich., 6652
    - ———— — alterations in judicial establishment in Northwest Territory
      - Report on alterations in judicial establishment and on division into 2 governments, 6653
    - ———— — public lands
      - Mineral lands, sale of, 6654
    - ———— — rivers and harbors
      - St. Mary's Falls canal, 6655
      - —. ——— River at the falls, 6656, 6657
    - ———— — affairs in the Territory of Michigan
      - Report, 6658
    - ———— — the territories
      - Lyon: Letters, 2780, 2781
    - Wayne county. Citizens: Petition, 6825
  - James McMillan, memorial addresses, 6647
  - Memorial addresses on life and character of Z. Chandler, 6639
  - ———— ———— — —— —— ——
  - —— — J. L. Chipman, 6644, 6645
  - ———— ———— — —— —— ——
  - —— — M. H. Ford, 6643
  - ———— ———— — —— —— ——
  - —— — S. C. Moffatt, 6640, 6641
  - ———— ———— — —— —— ——
  - —— — F. B. Stockbridge, 6646
  - ———— ———— — —— —— ——
  - —— — A. S. Williams, 6637
  - Proceedings on admission of Tennessee so far as regards position of Mich., 6634

UNITED STATES—Continued

  - ———— upon acceptance of statue of L. Cass, 6642
  - Russell A. Alger, memorial addresses, 6648
  - Senate
    - Committee on commerce
      - St. Mary's River and Hay Lake channel, 6659
    - ———— — the judiciary
      - Report [on bill to settle and establish northern boundary of Ohio], 6660
    - Russell: Dissatisfaction with senate, 6048
  - Statue of Z. Chandler, 6650
  - William W. Wedemeyer, memorial addresses, 6649
- Courts, see U. S. Circuit court
- Custom house
  - Detroit
    - Cash book, 8571
    - Day books, 8572
    - Impost book, 8573
    - Journal, 8574
    - Ledger, 8575
  - Mackinac
    - Journals, 8576
    - Ledgers, 8577
- Deep waterways commission
  - Report, 6661
- Dept. of agriculture
  - Soil survey of Pontiac area, 6662
  - Whitney: Field operations of bureau of soils, 6912
- ——. — commerce and labor
  - Steamboat inspection service
    - Pilot rules for Great Lakes, 6663
- ——. — interior. General land office
  - Map of Mich., 7263
  - State of Mich., 7318, 7346
- ——. — labor
  - Mich. copper district strike, 6664, 6665
- ——. — state
  - Rough sketch of part of Wayne co., 7585
- Description and travel
  - Colton's traveler, 754
  - Scott: Geographical dictionary, 6191
  - Stevens: Transcontinental trip in a Ford, 6405
  - Volney: View of climate and soil of U. S., 6770, 6771
  - Weld: Reise durch Nord Amerikanischen freistaaten, 6853
  - ——: Travels through states of North America, 6852
- District court
  - District of Michigan
    - Abstract showing number of white inhabitants of Mich., 6666
  - Western district of Michigan
    - Photographic album, 5732
- Engineer dept.
  - General and detail drawings of Poe lock, St. Mary's Falls canal, 6667

UNITED STATES—Continued

  - Manistee Harbor, 6668
  - Map exhibiting position of several lines connected with Ohio boundary question, 8027
  - Message from President in relation to survey to ascertain and designate boundary between Mich. and Wis., 6669
  - New lock at St. Mary's Falls canal, 6670
  - St. Mary's River at the falls, 6671
  - State boundary lines in Great Lakes, 7880
- Exploring expeditions
  - Schoolcraft: Narrative of expedition through Upper Mississippi to Itasca Lake, 6174
  - ———: Summary narrative of expedition to sources of Mississippi, 6182
  - ———: Travels in central portions of Mississippi valley, 6183
  - U. S. War dept.: Schoolcraft and Allen —expedition to Northwest Indians, 6698
- General hospitals, Detroit
  - Letter book, St. Mary's, 8579
  - Prescriptions for sick and wounded at Harper hospital, 8578
  - Register of discharges, St. Mary's, 8580
  - ——— — furloughs at St. Mary's, 8581
- ——— land office
  - General instructions to deputies by surveyor general of U. S. for Ohio, Ind. and Mich., 6672
  - [Map of] Mich., 7296
  - U. S. Treasury dept.: Report with annual report from commissioner of General land office, 6689
  - —. —. ——— ———.: Surveys of public lands, 6690
- Geological survey
  - Ann Arbor quadrangle, 7756-7759
  - Calumet special map, 7765
  - Chesaning quadrangle, 7766
  - Crystal Falls quadrangle, 7767
  - Detroit folio, by W. H. Sherzer, 7769
  - ——— quadrangle, 7768
  - Dexter quadrangle, 7770
  - Fowlerville quadrangle, 7774
  - Geological survey of Mich., 7792
  - Grand Rapids quadrangle, 7775
  - Grosspoint quadrangle, 7776
  - Houghton quadrangle, 7777
  - Howell quadrangle, 7779, 7780
  - Iron River quadrangle, 7782
  - Lansing quadrangle, 7784
  - Map showing geological formations and contours of rock surface of Southern Peninsula, by A. C. Lane, 7786
  - ——— of surface formation of Northern Peninsula, by F. Leverett, 7818

UNITED STATES—Continued

  - —— — ——— ———— — Southern Peninsula, by F. Leverett, 7787
  - Marquette quadrangle, 7788
  - Mason quadrangle, 7789
  - Menominee special map, 7791
  - Milford quadrangle, 7793
  - Ned Lake sheet, 7795
  - Pench Lake sheet, 7796
  - Pontiac quadrangle, 7797
  - Rochester quadrangle, 7802
  - Romulus quadrangle, 7803
  - Sagola quadrangle, 7804
  - St. Charles quadrangle, 7805
  - Saline quadrangle, 7806
  - South Lyon quadrangle, 7807
  - Three Rivers quadrangle, 7811
  - Van Hise: Description of Menominee quadrangle, 7790
  - Wayne quadrangle, 7819
  - Witbeck quadrangle, 7820
  - Wyandotte quadrangle, 7821
  - Ypsilanti quadrangle, 7822
- History
  - Burton: [Chronological notes], 8258
- Industries
  - Western industries of America, 6869
- Infantry
  - Walker: Journal of two campaigns of 4th regiment in Mich. and Ind. territories, 6785
- Internal revenue officers
  - Photographic album, 5732
- Lake survey
  - Annual report upon survey of northern and northwestern lakes, 6673
  - [Catalogue of charts], 6674
  - Jacobsville and vicinity, 7732
  - Lake Huron, St. Clair River, Lake St. Clair and Detroit River, 6675
  - Lake Michigan and Green Bay, 6676
  - L'Anse, including Portage Entry, 7734
  - See also U. S. War dept. Corps of engineers
- —— ——— office, Detroit
  - Patrick: Work of, 5659
- Land
  - [Columbus, pseud.]: Cautionary hints to Congress, 755
  - Hart: Documents illustrating state land claims and cessions, 2063
  - [Jackson]: Report on geological and mineralogical survey, 2351
  - See also Land; Public lands
- Land office, Detroit
  - Records, 8582
- Laws, statutes, etc.
  - Michigan. Attorney general's office: Laws granting lands to Mich. for roads, railroads, harbors and other purposes, 3065
- Manufactures
  - Western industries of America, 6869
- Marshal. Michigan
  - Account book for U. S. causes in circuit and district courts, 8583

UNITED STATES—Continued
  Eastern district
    Account book for causes in bankruptcy, 8584
    Cash book, 8585
    Docket of causes for service of writs, 8586
    ——— — ——— —— ——— — commissioners' warrants, 8587
    Letter books, 8588
  Huron and Detroit district
    Account with W. McD. Scott, 8589
 Military affairs
  Rogers: National reserve for exigency of war, 6006
 National park service
  Report on proposed Sand dunes national park, 6677
 Office of Indian affairs
  Circular, 6678
  Schoolcraft: Archives of aboriginal knowledge, 6159
 Politics and government
  Tappan: Message to law congress of U. of M., 6501
 Postoffice dept.
  Map of Allegan co., 7411
  —— — Barry co., 7420
  —— — Bay co., 7422
  —— — Berrien co., 7426
  —— — Branch co., 7429
  —— — Calhoun co., 7435
  —— — Cass co., 7439
  —— — Charlevoix co., 7441
  —— — Clinton co., 7444
  [—— —] Eaton co., 7451
  —— — Genesee co., 7454
  —— — Gratiot co., 7460
  [—— —] Hillsdale co., 7463
  —— — Huron co., 7466
  [—— —] Ingham co., 7469
  —— — Ionia co., 7474
  —— — Isabella co., 7477
  —— — Jackson co., 7483
  —— — Kalamazoo co., 7488
  —— — Kent co., 7499
  [—— —] Lapeer co., 7507
  —— — Lenawee co., 7514
  —— — Livingston co., 7516
  —— — Macomb co., 7518
  [—— —] Mecosta co., 7523
  —— — Midland co., 7526
  —— — Monroe co., 7531
  —— — Montcalm co., 7533
  —— — Muskegon co., 7537
  —— — Newaygo co., 7540
  —— — Oakland co., 7542
  —— — Oceana co., 7544
  —— — Saginaw co., 7553
  —— — St. Clair co., 7558
  —— — St. Joseph co., 7563
  —— — Sanilac co., 7567
  [—— —] Shiawassee co., 7569
  —— — Tuscola co., 7571
  —— — Van Buren co., 7573

UNITED STATES—Continued
  —— — Washtenaw co., 7582
  —— — Wayne co., 7598
  Post route map of Mich. and Wis., 7366, 7272, 7301, 7308, 7336, 7349, 7350, 7356, 7361
  —— ——— ——— — Ohio and Ind., with parts of Pa., Mich., Ill., Ky. and W. Va., by W. L. Nicholson, 7302
  Scheme of city distribution for use in Detroit, 6679
  ——— — ——— ——— — Grand Rapids, 6680
 President
  Commission to S. Sibley as member of legislative council of Northwest Territory, 8591
  Message transmitting report from governor and judge of Mich. Territory relating to state of territory, 6681
  ——— in relation to boundary line between Ohio and Mich., 6682
  ——— — ——— — admission of Mich., 6683
  ——— — ——— — removal of Chippewa Indians from mineral lands of Lake Superior, 6684
  ——— to 1st sess., 31st Congress, 6685
 Public lands, see U. S. Land
 Railway mail service
  Scheme of Mich., 6686
 Roads
  Map of road from Ohio to Detroit, by J. Farmer, 8022
  —— — —— —— Detroit to Fort Gratiot as surveyed by H. Parker, 8023
 Secretary of state
  Passport to G. Duffield, 8592
 Steamer inspectors' certificates
  Campau family: Mss., 8072
 Superintendent of Indian affairs. Michigan
  Annual report, 6687
  Record book of licenses to traders, 8590
 Surveyor general's office
  Diagram of Mich. showing districts surveyed, 7209
  ——— — ——. ——— ——— for subdivisions, 7212
  Sketch of Mich. showing districts embraced in contracts for township lines, 7213
  ——— of public surveys in Mich., 7214, 7218, 7223, 7236
 Treasury dept.
  Explanations of maps accompanying report from Secretary of treasury Jan. 18, 1841, no. 2, Michigan, 7196
  Letter transmitting statement of lands sold northwest of Ohio River, 6688
  Report with annual report from commissioner of General land office, 6689
  Surveys of public lands, 6690

UNITED STATES—Continued
War dept.
Boundary, Ohio and Mich., 6691
Corps of engineers
Agate Harbor, 7935
Beaver Island group, 7871
Chart of Detroit River, 7964, 7965, 7968
——— — Grand Island and its approaches, 7873
——— — inland route of navigation, 7906
——— — Lake St. Clair, 7914
——— — Lake Superior, 7923
——— — Little Bay de Noc, 7895
——— — Maumee Bay, 7897
——— — Marquette and Presque Isle harbors, 7947
——— — Menominee Harbor, 7948
——— — St. Clair flats, 8034
——— — —. ——— River, 7984
——— — St. Mary's River, 7991-7995
Cheneaux Islands, 7875
Coast chart no. 1, north end of Green Bay, 7883
——— ——— —. –, south end of Lake Superior, 7893
——— ——— —. 2, Lake Huron, 7890
——— ——— —. 3, Lake Huron, 7892
——— ——— —. –, Lake Superior, 7924
——— ——— —. 4, Lake Superior, 7928
——— ——— —. 5, Lake Mich., 7904
——— ——— —. –, Lake Superior, 7930
——— ——— —. 6, Lake Mich., 7902
——— ——— —. –, west end of Lake Superior, 7929
——— ——— —. 8, Lake Mich., 7908
——— ——— —. –, Lake Superior, 7927
Eagle Harbor, 7941
Entrance to Green Bay, 7884
General chart of Lake Huron, 7888, 7889, 7891
——— ——— — Lake Mich., 7905
——— ——— — Lake Superior, 7925
Harbor at Grand Haven, 7942
Harbors of refuge, Presq'ile, False Presq'ile and Middle Island, 7954-7956
Huron Bay and Huron Island, 7885, 7886
Keweenaw Bay, 7894
——— waterway, including Torch Lake, 7933
Lake Superior chart no. 2, 7922
Lime kiln crossing, Detroit River, 7966
Lower Detroit River, 7967
Manistee Harbor, 7944
Manistique Harbor, 7945
Manitou passage, Lake Mich., 7907

UNITED STATES—Continued
Mouth of Saginaw River, 7981
Munising Harbor, 7949
Muskegon Harbor, 7950
North east end of Lake Mich., 7899
North end of Green Bay, 7881
——— — of Lake Mich., 7898, 7900, 7903
Pine Lake, 7910
Preliminary chart of Agate Harbor, 7934
——— ——— — Copper Harbor, 7937
——— ——— — Eagle Harbor, 7938, 7939
——— ——— — Eagle River, 7969
——— ——— — Marquette Harbor, 7946
——— ——— — Ontanagon [Ontonagon?] Harbor, 7951
——— ——— — lower reach of Saginaw River, 7979, 7980
——— ——— — Tawas Harbor, 7958
Portage Lake, 7912
——— River, 7978
Saginaw Bay, 7913
St. Clair River, 7985
St. Joseph and Benton Harbor, 7957
South end of Green Bay, 7882
——— — — Lake Huron and head of St. Clair River, 7887
Straits of Mackinac, 7975-7977
Thunder Bay, 7931, 7932
West end of Lake Erie and Detroit River, 7878
Felch: Mss., 8153
Letter transmitting report on preliminary examination of Port Huron Harbor, 6692
——— ——— information in relation to superintendency of Indian affairs in Michigan Territory, 6693
——— ——— report of survey of La Plaisance Bay Harbor, 6694
Map of part of mineral lands adjacent to Lake Superior, 7859
Mineral lands on Lake Superior, 6695
Report relative to certain fortification for defence of Detroit, 6696
——— of chief topographical engineer, 6697
Schoolcraft and Allen—expedition to Northwest Indians, 6698
Sketch of navigation through East Mebish Rapids, River St. Mary, 7989
Survey of Grand River, 6699
Stockton: Report communicating report of superintendent of mineral lands on Lake Superior, 6415
Weather bureau
River and flood service along Grand River, 7972
——— — — ——— ——— Saginaw River, 7982

UNIVERSALIST CONVENTION OF MICHIGAN
Constitution and by-laws, 6700

University, The, 6705
——— castalia, 6706
——— chronicle, 6707
——— homoeopathic observer, 6708
——— **lands**
Michigan. Dept. of public instruction: Communication relative to, 3367, 3368
———. ———. ——— ———: Report in relation to, 3420
———. Governor: Message [returning without signature act for relief of settlers on], 3607
———. Legislature. House. Committee on public lands: Report in regard to reduction of minimum price, 4158
———. ———. ———. Select committee: Report of committee to whom was referred petitions in behalf of settlers, 4326
———. ———. Senate. Committee on public lands: Report relative to sale of university land, 4589
———. ———. ———. ——— ——— ——— ———: Report of committee to whom was referred resolution to inquire into expediency of reducing price, 4590
———. ———. ———. Committee on state affairs: Documents in relation to certain university and state lands, 4676
———. ———. ———. Select committee: Report on modification and reduction of price, 4725
———. ———. ———. ——— ———: Report of committee to whom was referred memorial for redress of grievances from location of university lands upon Niles reserve, 4749
———. State land office: Communication relative to sales, 4999
[———. ——— ——— ———: Statement of number of university and school lands sold], 5005
———. University. Board of regents. Executive committee: Communication [in accordance with resolution requesting opinion on whether interest of university will be promoted by reduction of price], 5246
See also Land; Michigan. Legislature. House. Committee for appraisal of university and state building lands; Michigan. Legislature. House. Committee on university and school lands; Michigan. Legislature. House. Committee on university, school and state lands; School lands

UNIVERSITY OF DETROIT
[illegible], 1[illegible]
Catalogue, 6701
Doran: Brief sketch, 8346
Law school
Bulletin, 6704
Magazine, the tamarack, 6702
Prospectus of college of arts and sciences, 6703
——— — **Michigan,** see Michigan. University
——— — ——— athletic annual, 6709
——— — ——— bulletin of information addressed to legislature and people, 6710, 6711
——— — ——— **club**
Marx: Address before, 2915
——— — ——— ——— **of Detroit**
By-laws, 6712
——— — ——— ———, **New York**
U. of M. club, 6713
——— — ——— gothamite, 6714
——— — ——— newsletter, 6715
——— palladium, 6716
——— question, nature of its government, 6717
——— record, 6718
——— **school of Music**
[Announcement], 6719
Calendar, 6720
Personal sketches of members of faculty, 6721

Uno
Polk & co.: Directory, 5767

Upper Peninsula
Allen: Contributions to Pre-Cambrian geology of northern Mich. and Wis., 55
Asylum for the insane, see Michigan. Newberry state hospital
Branch of state prison, see Michigan. State house of correction and branch of state prison in Upper Peninsula
Brooks: Iron-bearing rocks of, 449, 450
Campbell: Address on climate, soil, resources, development, commerce and future of, 561
Development bureau
Dairying in Upper Peninsula, 6722
Diversified farming in Upper Peninsula, 6723
Homes and farms, 6724
Home sweet home, 6725
Manufactures and water-power, 6726
Seven million fertile acres, 6727
Upper Peninsula of Mich. fruit, 6728
Educational association
Bureau of research
Report, 6729
Library section
Program, 6730
Ely: Memorial in relation to railroad interests of, 1600
Geismar: Corn production in, 1792

UPPER PENINSULA—Continued
——: Grasshoppers and their control, 1793
Grand Rapids and Indiana railroad co.: Mackinac, 1940
History of silver mines in Iron River district, 2152
History, 2173
Hulbert: Calumet conglomerate, 2260, 2261
Maps and atlases
  Brooks: Atlas accompanying report on iron-bearing rocks, 7814
  Colton's Lake Superior and Upper Peninsula, 7921
  Geological map of dist. of township lines, by W. A. Burt, 7813
  ——— survey atlas accompanying reports on, 7817
  Map, by Mich. geological survey, 7815
  ——, — central portion, by Mich. geological survey, 7816
  ——, — Northern Peninsula, 7404
  ——, — original vegetation, by Geological survey, 7406
  ——, — surface formation, by F. Leverett, 7818
  [—— showing mail routes in], 8024
  Tackabury's new sectional map, 7405
  Upper Peninsula [showing state lands], by J. F. Nellist, 7867
Memorial record, 2948
Michigan. Geological survey: Reports, 3575
———. ——— ———: Upper Peninsula, 3576
———. Laws, statutes, etc.: Compilation in reference to land grant railroads, 3923
———. Legislature. House. Committee on mines and minerals: Report relative to specific taxes, 4191
———. ———. ——. Special committee: Report relative to bill granting swamp lands to counties, 4381
Powers: History of northern Mich., 5862
Pumpelly: Copper district of, 5894
Ralph: Along bowstring or south shore of Lake Superior, 5909, 5910
———: Lake Superior along south shore, 5907, 5908
Rezek: History of Diocese of Sault Ste. Marie and Marquette, 5866
Rominger: Palaeozoic rocks, 6016
St. John: True description of Lake Superior country, 6115
St. Mary's canal mineral land co.: Reports upon value of co's. lands in iron region, 6125
Sawyer: History of Northern Peninsula, 6146
[Singleton]: Pleasure parties in Northwest, 6247
Smith: Sugar beets in, 6289
Souvenir of copper country, 6347
Stuart: Verdict for Mich., 6435

UPPER PENINSULA—Continued
Substation, see Michigan. Agricultural college. Experiment station
Swineford: Annual review of iron mining and other industries, 6446
———: Appendix to history of Lake Superior iron district, 6450
———: History and review of copper, iron, silver, slate and other interests of south shore of Lake Superior, 6447
———: History of Lake Superior iron district, 6449
Tipton: Tourist and investor, 6547
Winchell: Economic geology of region of Cheboygan and old Mackinac, 6992

Usury laws
  Michigan. Legislature. Senate. Committee on finance: Report relative to usury laws, 4506, 4507
  ———. ———. ———. Committee on the judiciary: Report of committee to whom was referred petitions for stringent law, 4576

Utley, H. M.
  Class of sixty-one, U. of M., 6731
  Fur trade in development of Northwest, 6732
  Mich. as province, territory, and state, 6733
  [Stuart]: Review of Mich. as province, territory and state, 6434

——, W. H.
  [Ross]: Letter to moderator and members of Stanton, Mich., council in case of, 6027

V

Van Arsdale, A.
  Mss., 8057

Van Buren, A. D. P.
  Michigan in her pioneer politics, 6734

Van Buren County
  Citizens
    Proceedings of meeting at Paw Paw, 6735
  Farm journal directory, 1650
  History, 2150
  Lake: Atlas, 7572
  Map, by Geil, Harley & Siverd, 7440
  Ogle & co.: Standard atlas, 7574
  Portrait and biographical record, 5838
  Rowland: History, 6041

Van der Meulen, C.
  Van Raalte: De toestand der Hollandsche kolonisatie in Mich., 6748

Vanderpoel, A.
  [Speech on bill to admit Mich. into union], 6736

Van Dyke, J. A.
  Argument in railroad conspiracy case, 6737
  Detroit. Fire dept.: Memorial, 1137
  Memorial asking legislature not to condemn franchise of Mich. central railroad co., 6738

VAN DYKE, J. A.—Continued
See also Van Dyke and Emmons; Van Dyke and Harrington; Van Dyke, Emmons and Sheldon
—— ——, **P. J. D.,** see Van Dyke and McNeil
—— —— **and Emmons**
Claim book, 8593
Journal, 8594
Letter books, 8595
Mss., 8041, 8043, 8057, 8068, 8073, 8078, 8080, 8082, 8084, 8086, 8090, 8094, 8096
—— —— **and Harrington**
Mss., 8041, 8068, 8073, 8078, 8096
—— ——, **Emmons and Sheldon**
Mss., 8068, 8096
—— —— **and McNeil**
Ledger, 8596
Van Fleet, J. A.
Old and new Mackinac, 6739-6741
Summer resorts of Mackinaw region, 6742
Van Fossen, J.
Michigan. Legislature. Senate. Committee on claims: Report in relation to claim, 4458
—— ——. ——. Select committee: Report of committee to whom was referred petition and claim, 4747
——. ——. ——. —— ——: Report on claim, 4748
Van Hise, C. R.
Bayley: Menominee iron-bearing district, 290
Description of Menominee quadrangle, 7790
Geology of Lake Superior region, 6743
Irving: Penokee iron-bearing series, 2342-2343
Marquette iron-bearing district, 6745
Menominee special folio, 6746
Preliminary report of Marquette iron-bearing district, 6744
Van Husan, C.
Check stub-books, 8597, 8598
Letter book, 8599
—— ——, —., **estate**
Letter book, 8600
Van's Harbor
Polk & co.: Directory, 5767
Van Leuven Browne national magazine, 6747
Van Raalte, A. C.
De toestand der Hollandsche kolonisatie in Mich., 6748
Michigan. Legislature. Senate. Committee on state affairs: Report of committee to whom was referred petition for aid in construction of harbor in Ottawa co., 4690
Van Schelven, G.
"Centennial", 6749
Van Syckle, R. E.
Sons of the American revolution. Michigan society: Year book, 6338

VARNUM, J. M.
Oration at Marietta July 4, 1788, 6750
Vattemare, A.
[Letters relative to receipt and distribution of books, documents, etc.], 6751
[Michigan. Governor: Communication transmitting two communications from], 3642
——. Legislature. House. Committee on education: Report relative to plan for international literary exchange, 4019, 4020
Vaudreuil de Cavagnal, P. F. de Rigaud, Marquis de
Miskouaki: Indian affairs around Detroit in 1706, 5459
Vaughan, C. C.
Michigan. Adjutant general's office: Record of service, index, 2977
——. Constitution: Constitution, 3313
——. Dept. of state: Digest of motor vehicle laws, 3499
——. ——. ——: Instructions to applicants for motor cycle registration, 3502
——. ——. ——: List of state officers, 3508
——. ——. ——: Motor vehicle licenses, 3516, 3517
——, **H. F.**
Observations on typhoid fever in Detroit, 6752
——, **V. C.**
Contributions to medical research, 778
Healthy homes and foods for working classes, 6753
Michigan alumnus, vol. VIII, 5362
——. State board of health: Model diet tables, 4901
——. University: Memorial discourses on C. L. Ford, 5195
Mouth conditions and their relations to public health, 6754
Vaugondy, Sr. R. de
Amérique septentrionale, 7089
Carte des pays sous nom Canada, 7090
Partie de l'Amérique septentrionale, 7096
Vegetables
Bailey: Notes, 181
Michigan. Laws, statutes, etc.: Laws relating to sale of fresh fruits and vegetables, 3868
Taft: Notes on, 6466
——: Potatoes, vegetable tests, 6473
——: Variety tests, 6488
——: Vegetables and bush fruits, 6489
——: Vegetable novelties, 6490
——: Vegetable tests, 6491
——: Vegetables, comparative tests, 6492
——: Vegetables, old and new, 6493
——: Vegetables, varieties and methods, 6494
See also names of

VENTILATION
  Sample: Ventilation, 6136
Vermont
  Governor
    [Communication enclosing copy of resolution relating to extending franking privilege to governors of states], 6755
    [Communication transmitting] resolutions of Vermont relative to slavery, &c., 6756
  Legislature
    Michigan. Governor: Special message [transmitting copy of resolutions], 3617
Vermontville
  Barber: Vermontville colony, 217
  Michigan. Legislature. House. Committee on the judiciary: Report upon petition of citizens, 4151
Versteeg, D.
  De Pelgrim—vaders van het Westen, 6757
Verwyst, C.
  Life and labors of Rt. Rev. F. Baraga, 6758
  Missionary labors of Fathers Marquette, Ménard and Allouez, 6759
Very funny, not too funny, just funny enough, 6760
Vessels, see Steamships
Vetch
  Towar: Cow peas, soy beans and winter vetch, 6554
  See also Hairy vetch
Veteran publishing co.
  The veteran, 6761
Veterans of the war with Mexico. Michigan association
  Proceedings of annual meeting, 6762
Veterinary board, see Michigan. State veterinary board
——— **dentistry**
  Detroit veterinary dental college: Illustrated lectures, 1497
——— **medical association,** see Michigan. State veterinary medical association
——— **medicine**
  Michigan. Live stock sanitary commission: Biennial report, 4767
Veto
  Michigan. State library. Legislative reference dept.: Local, special and private legislation, 5065
Vicksburg
  Ladies' library
    Catalogue, 6763
[**Viger, H. A.**]
  Quelques notes sur Antoine de la Mothe Cadillac, 6764
Vigneau, J. J.
  Souvenir program, bi-centennary of founding of Detroit, 6765
Village of Wyandotte, 6766
VILLAGES
  Michigan. Laws, statutes, etc.: Laws relating to incorporation and general powers, 3939
  See also Cities; Municipal government; Towns
Vincent, S.
  Norton: Strong Vincent and his brigade at Gettysburg, 5572
Vinegar
  [Marshall]: Vinegar, 2903
Vineyards, see Orchards and vineyards
Vinton, S. F.
  Lyon: Letters to L. Williams, 2781
Virginia
  General assembly
    Michigan. Legislature. Senate. Special committee: Report of committee to whom was referred resolutions of, 4760
  Public lands
    Jackson: Is Virginia entitled to compensation for cession of Northwest Territory, 2352
Visit of American institute of mining engineers to Lake Superior copper mines, 6767
Vital statistics, see Michigan. Statistics, vital
Vivian, J.
  Remonstrance of citizens of Keweenaw county against organization of new townships in county, 6768
[**Vliet, Mrs. M. A. W.**]
  History of early life and business interests of Leslie, 6769
Vocational training
  Michigan. Dept. of public instruction: Industrial and vocational training, 3392
  Warriner: Industrial and vocational training, 6806
  See also Education; Manual training
Volney, C. F. C., Comte de
  View of climate and soil of U. S., 6770, 6771
Von Hoeffern, Lady A.
  O'Brien: Two early missionaries to Indians, 5582
Voters, see Suffrage
Voyages and travel, see Michigan. Description and travel; U. S. Description and travel

"W. H. T."
  In memoriam, Mrs. Sophia Truax Slocum, 6772
Wabash and Erie canal
  Benton: Wabash trade route in development of Northwest, 346

WADSWORTH, M. E.
Michigan. College of mines. Annual report of directory, 3248
———. ——— — ———: Report of president, 3253
———. Geological survey: Report, 3570
On relation of "Keweenawan series" to eastern sandstone in vicinity of Torch Lake, 6773
Origin and mode of occurrence of Lake Superior copper-deposits, 6774
Paper on Mich. mining school, 6775
Ralph: Along bowstring or south shore of Lake Superior, 5909, 5910
———: Lake Superior along south shore, 5907
South trap range of Keweenawan series, 6776
———, **Wm. and Wedworth**
Mss., 8177
Wages
Michigan. Commission of inquiry on minimum wage legislation for women: Report, 3262
See also Labor and laboring classes
Wagner, F.
Mich. university song book, 6777
——— **& co.**
Mich. on gridiron, 6778
Waid, C. W.
Hints on home gardening, 6779
Home vegetable garden, 6780
Potato growing, 6781
Standardization and group classification of potato varieties, 6782
Suggestions for growing potatoes, 6783
Waldo, D. B.
Sketch of origin, establishment and workings of national banking system, 6784
Walin, C. C.
Michigan. Legislature. Senate. Select committee: Report of committee to whom was referred memorial for redress of grievances from location of university lands upon Niles reserve, 4749
Walker, A.
Journal of 2 campaigns of 4th regt. U. S. infantry in Mich. and Indiana territories, 6785
———, **B.**
Adams: Ecological survey in northern Mich., for paper by, 6
Illustrated catalogue of mollusca of Mich., 6786
Lane: Geological report on Huron county, 2599
———, **C. I.**
Beard's directory and history of Marquette co., 322
Northwest during revolution, 6787, 6788
WALKER, E. C.
Michigan. State teachers' association: Memorial, 5110
Opening lecture before Y. M. C. A. of Detroit, 6789
———, **H. N.**, see Bates, Walker and Douglass
———, **James B.**
Experiences of pioneer life in early settlements and cities of West, 6790
Remarks on announcement of death of Hon. E. Everett, 6791
———, **Jonathan**
Harford: Short sketch of life and services, 2040
———, **Judson E.**
Campaigns of General Custer in Northwest, 6792
———, **Timothy**
Two letters addressed to Gen. W. Hull on conduct in surrender of Detroit, 6793
———, **Toll**
Michigan. Legislature. House. Committee on the judiciary: Report of committee to whom was referred petition for act to authorize W. F. Wolcott to convey land, 4152
———, **Watson, F.**
Vaughan: Observations on typhoid fever in Detroit, 6752
———, **William B.**
McDowell: Farming on cut-over lands, 2828
Walling, H. F.
Atlas of Mich., 7278
Tackabury's atlas of Mich., 7312
Walloon Lake association
Picturesque Walloon, 6794
Walnut Lake
Hankinson: Biological survey, 2035
Walter, E. L.
Bourland: Walter library, 408
Michigan. University: Memorial discourses, Address on, 5194
———, **F. K.**
Care of school libraries, 6795
Walton, G. M.
Michigan. State normal college. Library: Public school libraries, 5083
Walton
Polk & co.: Directory, 5763
Wanty, G. P.
In memoriam, 2308
War, see American revolution; Black Hawk war; Civil war; French and Indian war; Great war; Mexican war; Michigan. Adjutant general's office; Michigan. Militia; Michigan. Quartermaster general's office; Michigan. Soldiers' home; Patriotic war; Spanish-American war; Toledo war; War of 1812

WAR OF 1812
  Brown: Views on Lake Erie, 471
  Campbell: Revolutionary services and civil life of Gen. W. Hull, 572
  Canada. Archives: Documents, 575
  Cook: Six month among Indians, 803
  Crowley: Love thrives in war, 871
  Dudley: Battle and massacre of Frenchtown, 1553
  Hatch: Chapter of history, 2085
  Hull: Memoirs, 2264
  Jackson: Life of W. H. Harrison, 2353
  [Kaler]: At siege of Detroit, 2462
  Life of Gen. L. Cass, 2740
  Lossing: Mss., 8195
  ———: [Papers representing material used], 8445
  Lucas: Journal, 2776, 2777
  [McAfee]: History of late war, 2791
  Maps
    Correct map of seat of war, by S. Lewis, 7133
    Map of seat of war, by J. Melish, 7132
    New map of seat of war, by S. Lewis, 7135
    New improved map of seat of war, by W. McCarty, 7134
  Michigan. Dept. of public instruction: Perry memorial, 3412
  ——— (Ter.) Legislative council: Memorial praying claims for property lost or destroyed may be paid, 5354
  Miscellaneous mss., 8180, 8182
  Richardson: War of 1812, 5973, 5974
  Sibley: Mss., 8173
  Slocum: Ohio country between 1783 and 1815, 6258
  Sons of the American revolution. District of Columbia society: Battle fields of Maumee valley, 6334
  Walker: Journal of two campaigns of 4th regt. U. S. infantry in Mich. and Indiana territories, 6785
  Western Reserve historical society: Battle of French Town, 6880
  Whittlesey: Gen. Wadsworth's division, War of 1812, 6917
  Williams: Two western campaigns in War of 1812-13, 6957
  Woodbridge: Mss., 8051
  See also Interstate board of Perry's victory centennial commissioners
Warblers
  Wood: Discovery of breeding area of Kirtland's warbler, 7020
War bounties, see Civil war
Ward, C. R.
  Memorial of, 2942
———, D.
  Autobiography, 6796
———, E. B.
  Mss., 8203
  Protection vs. free trade, 6797
  Reasons why Northwest should have protective tariff, 6798
WARD, H. B.
  Biological examination of Lake Mich., 6799
———, J.
  Mss., 8134, 8137, 8144, 8146
  See also Ward and Palmer
——— and Palmer
  Mss., 8134, 8137, 8145, 8146
  See also Ward, J.
——— bros.
  Souvenir of Detroit, 6350
  ——— — Grand Rapids, 6355
Ware, W. H.
  Centennial history of Cheboygan co., 6800
Warfield, L.
  Facts concerning proposed elevated terminal railroad, 6801
[Warner, C. F.]
  Picturesque Detroit and environs, 6802, 6803
———, E.
  Michigan. Legislature. House. Committee on elections: Report in contested election case of Harvey vs. Warner, 4042, 4043
———, F. M.
  Michigan. Board of prison industries: Report, 3215
  ———. Governor: [Messages], 3764-3771
  Nomination of candidates by direct vote, 6804
  U. S. Bureau of the census: Census of manufactures, 6624
Warren, F. H.
  Michigan. Freedmen's progress commission: Mich. manual, 3550
———, J.
  Michigan. State teachers' association: Memorial, 5110
Warriner, E. C.
  All-day trades school, 6805
  Industrial and vocational training, 6806
Warthin, A. S.
  Michigan. University. Pathological laboratory: Contributions, 5311
  Organization of state anti-tuberculosis association, 6807
  Peter White gift to medical library, U. of M., 6808
[Washburn, W. S.]
  Detroit, 6809
Washington. Capitol. Statuary hall
  U. S. 50th Cong., 2d sess.: Proceedings upon acceptance of statue of L. Cass, 6642
  —. —. 63rd Cong., 1st sess.: Statue of Z. Chandler, 6650
Washington mine
  Map by Mich. geological survey, 7844
Washtenaw, Bank of
  Statement of affairs, 6381

WASHTENAW COUNTY
Bar association
Proceedings at banquet in honor of A. Felch, 6810
Beakes: Past and present of, 294
Board of supervisors
Proceedings, 6811
Commissioner of schools
Manual, 6812
Dickson & co's. township and sectional pocket map of Washtenaw co., 1507
Everts & Stewart: Combination atlas map, 7579
History, 2174
Map, by State geologist, 7575
——, by G. R. Bechler and E. Wenig, 7577, 7578
——, by U. S. Postoffice dept., 7582
—— of counties of Washtenaw and Lenawee, by G. R. Bechler & E. Wenig, 7584
Medical society
Banquet, 132
Ogle & co.: Standard atlas, 7580, 7583
Polk & co.: Directory, 5759
Portrait and biographical album, 5850
Pray: Washtenaw co. directory, 5866
Teachers' institute
Catalogue, 6813
Washtenaw co., by S. Pettibone, 7576
Wayne and parts of Washtenaw, Oakland and Macomb counties, by H. P. Strong, 7602
Wendell directory co.: Washtenaw co. directory, 6861
Winchell: Geology of Washtenaw co., 6973
Water
Kedzie: Influence of sawdust on potable and culinary water, 2477
Waterbury and Emery
Map of Lansing, 7737
Waterman, G. A.
Hog cholera, 6814
————, J. W.
Mss., 8133
Water, Pollution of
International joint commission: Hearings in re remedies for pollution of boundary waters, 2321
———— —— ————: Polution of boundary waters, 2326
McLaughlin: Sewage pollution of interstate and international waters, 2843
—— power
Horton: Available water power, 2207
International joint commission: In matter of application for approval of methods and plans for diversion of waters of St. Mary's River, 2322
———— —— ————: In matter of application for obstruction, diversion and use of waters of St. Mary's River, 2323
———— —— ————: Mich. northern power co., proceedings, 2324

WATER POWER—Continued
———— waterways commission: Report, 2330
Michigan. Legislature. House. Special committee: Water power in Mich., 4383
Upper Peninsula development bureau: Manufactures and water power, 6726
Woodruff: Water power bill, 7034
—— proofing
Godfrey: Detroit river tunnel, 1820
—— supply
Hazelwood: Water and water-supply in Mich., 2090
Horton: Deforestation, drainage and tillage with special reference to effect on Mich. streams, 2208
Kedzie: Report on water-supply of Mich., 2484
Lane: Water resources of Lower Peninsula, 2610
Leverett: Flowing wells, 2723, 2724
————: Symposium on, 2729
Long: Present and future water-supply of Ionia, 2760
Michigan. Geological survey: Report, 3571
————. State board of health: Water-supply of localities, 4935
Smith: Influence of sewerage and water-supply on death-rate in cities, 6296
——, underground
Fuller: Failure of wells along lower Huron River, 1775
Waterways
U. S. Deep waterways commission: Report, 6661
———— convention
Sault Ste. Marie canal and Hay Lake Channel, 6817
Water-way tales, 6815, 6816
Watkins, L. W.
Mich. birds that nest in open meadows, 6818
Watson, E.
Life and thrilling incidents, 2738
————, G.
County, railroad and distance map of Mich., 7285
————, J. C.
Michigan. University: Memorial addresses at funeral of, 5197
Watts family
DePeyster: Miscellanies, 949
Waubun
Kinzie: Waubun, 2539-2541
Waverly
[Map], by F. E. Skeels, 7753
Way, W. V.
Facts and historical events of Toledo war, 6819
Wayne's campaign, 1794
Wilson: Peace of Mad Anthony, 6964
————: Treaty of Greenville, 6965

WAYNE COUNTY
Antiquities
Russell: Prehistoric discoveries, 6054
Asylum
Keenan: History of Eloise, 2488
Atlases
Belden & co.: Illustrated historical atlas, 7589
Sauer: Detailed official atlas, 7592
———: Detailed atlas, 7597
Bible society
Record books, 8601
Biographies
Wayne county. Historical and pioneer society: Chronology of notable events, 6830
See also Wayne county. History
Board of canvassers
Michigan. Legislature. House. Committee on elections: Report of committee to whom was referred statement of, 4058
——— — county auditors
Report, 6820
Wayne co. official directory, 6836
——— — ——— road commissioners
Annual report, 6821
Road map of Wayne co., 7599
——— — supervisors
Proceedings of annual meeting, 6822
————— — special meeting, 6823
Quinquennial meeting, 6824
Circuit court
Post: Scrapbook of reports, 8518
Citizens
Petition, 6825
Clerk
Marriage affidavits, 8602
Coroners
Report, 6826
County school commissioner
Public schools, 6827
Court
Godfroy family: Mss., 8049
Williams: Mss., 8038
——— of domestic relations
[Lacy]: Observations, 2581
——— house
Detroit. Bar association: New Wayne co. court house, 977
Detroit. Mayor, recorder and aldermen: Petition against division, 1228
Directories
Wayne co. business directory, 6835
——— — official directory and manual, 6836
Drainage commissioner
Annual report, 6828
Elections
Johnson: Mss., 8115
Williams: Mss., 8156
See also Wayne county. Politics and government

WAYNE COUNTY—Continued
Geology
[Hubbard]: Geological survey, 2244
Sherzer: Geological report on Wayne co., 6234
Grand jurors
Presentment to circuit court, relative to house of refuge, 6829
Hamtramck township
Trowbridge: Mss., 8158
Historical and pioneer society
Chronology of notable events, 6830
Souvenir of Cadillac day, 6831
History
Compendium, 759
Farmer: History of Detroit and Mich., 1662-1664
Ross: Landmarks, 6032
Wayne county. Citizens: Petition, 6825
See also Wayne county. Politics and government
Indiana (Ter.) Governor: Proclamation for organization, 8429
Justice of the peace
Docket of causes, 8603, 8604
Maps
General map, by W. C. Sauer, 7591
Map, by J. Farmer, 7587
——, by S. Farmer & co., 7590, 7595, 7596
——, by Geil and Jones, 7588
——, by W. Hancock, 7586
——, by W. C. Sauer, 7593, 7594
——, by U. S. Postoffice dept., 7598
—— of west half, 7600
Road map, by County road commissioner, 7599
Rough sketch, by W. Tatham, 7585
Wayne co. and part of Oakland and Macomb, by S. Farmer & co., 7601
——— — and parts of Washtenaw, Oakland and Macomb counties, by H. P. Strong, 7602
Medical society
Record book, 8605
Michigan. Legislature. House. Committee on the judiciary: Report on bill and report relative to collection of taxes in, 4148
———. ————. ———. ——— ——— — —— ————: Report respecting publication of tax list for, 4149
———. ————. ———. ——— ——— — —— ————: Report on petition for increase of masters in chancery, 4577
———. ————. Senate. Committee on the judiciary: Report on resolution in relation to constitutionality of mode of appointing presiding judge of criminal court, 4578
———. ————. ———. Select committee: Report of committee to whom was referred so much of auditor general's report as relates to, 4750, 4751

WAYNE COUNTY—Continued
Northwest Territory
County tax, 8606
Docket of causes, 8607
Politics and government
Government of Detroit and Wayne co., 1834
McCracken: Laws in force in county of Wayne, 2807, 2808
————: Manual of Wayne co. affairs, embracing county government, finances, courts, etc., 2810
Michigan. Legislature. House. Special committee: Majority report on contested election seats, 4382
Wayne co. Republican club, 6832
——— — voter's guide, 6838
Poor house
Michigan. Legislature. House. Select committee: Report relative to change, 4361
Public schools
Wayne county. County school commissioner: Public schools, 6827
Quadrangle map, see Quadrangle maps
Records
Felch: Mss., 8153, 8154
Wayne co. records, 8135
Republican club, an organization with work to perform, 6832
Roads
Portland cement association: Concrete roads of Wayne co., 5824
Sargent: Proclamation for organization of, 8534
Savings bank
[Report], 6837
Sheriffs
Wayne co. records, 8135
Superintendents of poor
Annual report, 6833
Taxes
Godfroy family: Mss., 8049
Treasurer
Report, 6834

Weadock, T. A. E.
Catholic priest in Congress, 6839

Weare & Little & co.
Maps of mineral region of Lake Superior, 7838

Weather service dept.
[Conger]: Report, 765, 766

Webber, W. L.
Argument on behalf of Flint and Pere Marquette railroad, 6840
Hoyt public library: Trust deed, 2239
Indian cession of 1819, 6841
Labor in relation to production of wealth, 6842
Michigan. Political science association: City government, 4792
Relations of corporations to state, 6843
State and its railroads, 6844
Swamp lands, 6845

WEBSTER, H. J.
History of Democratic party organization in Northwest, 6846

Wedemeyer, W. W.
U. S. 62d Cong., 3d sess.: W. W. Wedemeyer, memorial addresses, 6649

Weeds
Beal: Mich. weeds, 306
——: Seeds of, 311
——: Six worst weeds, 312
Bessey: Yellow rocket, 357

Weeks, A.
Affidavits and other documents relative to Sault de Ste. Marie canal, 6847
———, J. W., & co.
Detroit city directory, 1421
——— and Polk
Bay City directory, 6848

Wegwijzer en raadgever voor landverhuizers, 6849

Weights and measures
Michigan. Treasury dept.: Communication in relation to, 5146, 5147
[————. ———— ——.: Report relative to], 5155

Weiland, C. F.
Geographische-statistische und historische charte von Mich., 7152

Weissert, C. A.
Indians and trading-posts in northwest of Barry co., 6850

Welch, A. S.
Michigan. State agricultural society: Three lectures, 4849
————. State teachers' association: Memorial, 5110
———, J. M., see Howard and Welch
———, R. D.
Michigan's favorite college songs, 6851

Weld, I.
Reise durch Nord Amerikanischen freistaaten, 6853
Travels through states of North America, 6852
Voyage au Canada, 6854

Welfare institutions for laborers
Ford motor co.: Helpful hints to employes, 1731

Wellings, J. H.
Directory of Detroit, and register of Mich., 6855, 6856

Wells, C. E.
University as art centre, 6857
———, H.
Memorial asking appropriation for agricultural college, 6858
———, J. M.
"With touch of elbow," 6859
———, W. P.
Democratic association of Detroit: Celebration of anniversary of Battle of New Orleans, address by, 945

Wells
Polk & co.: Directory, 5767

WENDELL, E.
History of banking and banks and bankers of Mich., 6860
Mss., 8205
——— **directory co.**
Washtenaw co. directory, 6861
Wenig, E.
Map of Lenawee co., 7510
—— — Washtenaw co., 7577, 7578
—— of counties of Washtenaw and Lenawee, 7584
Wenley, R. M.
Life and work of G. S. Morris, 6862
Wenona
Charters, 6863
Directories
DeLisle: Directory for 1868-9, 943
Weeks & Polk: Bay City directory to which is appended directory, 6848
Wequetonsing
[Detroit and Cleveland steam navigation co.]: Where to spend summer, 1403
Wesleyan Methodist church
Matlack: History of American slavery and Methodism, 2921
[**Wesselius, S.**]
Mich. day schools for teaching speech to deaf, 6864
West, see Northwest, Old
West Bay City
Directory
Polk & co.: Bay city directory, 5761
Industries
Land: Historical and descriptive review, 2596
Sage public library: Catalogue, 6064, 6065
See also Bay City
Westcott, G. C.
Plat of survey of land "for military purposes" around Fort Brady, 7851
Western counties of Mich., 7407
——— **federation of miners**
Miners' bulletin, 6868
U. S. Dept. of labor: Mich. copper district strike, 6664, 6665
——— **fire map publishing co.**
Rascher's fire insurance atlas of Muskegon, 7745
——— **historical co.**
History of St. Clair co., 2169
——— — Upper Peninsula, 2173
——— industries of America, 6869
——— journal of education, 6870
——— **Michigan Congregational club**
Constitution and by-laws, 6871
——— ——— **development bureau**
Publicity bulletin, 6872
Western Mich., the land of fruit and fortune, 6873, 6874
——— ——., land of opportunity, 6875, 6876
——— ——— **lake shore horticultural association**
Proceedings of convention, 6877
WESTERN RAILWAY ADVERTISING Co.
Travelers' illustrated official railway reporter and guide, 6878
——— **Reserve historical society**
Battle of French Town, 6880
Letters from S. Huntington correspondence, 6879
——— **union** mutual life and accident society of U. S., 6881
West Michigan holstein breeders' association
Catalog of annual consignment sale, 6865
——— ——— **pike association**
Maps, routes and tourists' directory of West Mich. pike, 6867
Road guide and tourist directory of West Mich. pike, 6866
Weston, C. V.
Address on street railway question in Detroit, 6882
———, **I. M.**
Documents and addresses while mayor of Grand Rapids, 6883
Michigan. Board of world's fair managers: Letter, 3234, 3235
———. ——— — ——— ——— ———: Report, 3236
———, **W. J.**
Plat book of Gogebic co., 7456
—— —— — Houghton co., 7465
Westwood
Polk & co.: Directory, 5763
Wexford county
Buckley and Douglas lumber co.: Few facts about farm and fruit lands, 482
Cadillac evening news: Atlas, 7603
[Swigart]: Tract in, 6445
Traverse region, 6580
Wheeler: History of Wexford co., 6889
What-Cheer mine
Map, 7845
Wheat
Beal: Study of wheat and buckwheat, 316
Cook: Black wheat-stalk isosoma, 782
——: Enemies of wheat aphis, 785
Crozier: Forage crops and, 874
Harwood: Smut, 2076
Johnson: Experiments, 2407
———: Wheat, 2417
Kedzie: Chemical composition, 2469
———: Composition, 2472
Spragg: Red rock wheat, 6367
———: Wheat improvement, 6368
Stevens: Prevention of stinking smut on, 6397
Towar: Soil tests, wheat experiments, 6557
Wheeler, C. F.
Beal: Mich. flora, 304
Catalogue of phaenogamous and vascular cryptogamous plants of Mich., 6884
Insects of clover field, 6885
Prickley lettuce, 6886

WHEELER, C. F.—Continued
Russian thistle, 6887
Sketch of original distribution of white pine in Lower Peninsula, 6888
——, J. H.
History of Wexford co., 6889
Whelan, A. F.
Water-supply of Hillsdale, 6890
——, D. B.
Bean-maggot in 1915, 6891
Where copper was king
Wright: Where copper was king, 7045
Whig party. Michigan
Howard: Mss., 8044
To people of Mich., 6892
Woodbridge: Mss., 8051
Whip hand
Merwin: Whip hand, 2958
Whipple, A. W.
U. S. War dept.: Report of chief topographical engineer, appendix E, annual report upon public works at St. Clair flats and St. Mary's River, 6697
Whist club, Grand Rapids
[The members, the contests, memorable outings], 6893
See also Woman's whist league
Whitcomb, C. D.
[Detroit and Cleveland steam navigation co.]: Lake tour to Mackinac, 1397, 1398
——, E. B.
Detroit and Cleveland steam navigation co.: Lake tour to Mackinac, 1401
White, A. S.
Grand Rapids, 6894
——, E. E.
Grand Traverse county: Officers, 1959
——, J.
Early life and later experience and labors of Elder J. Bates, 6895
Sketches of Christian life and public labors of W. Miller, 6896
——, Mr. and Mrs. J.
Brief sketch of life and labors, 440
——, M. J.
Bicycle routes in Mich., 6897
——, O. K.
Suggestions on planting orchards, 6898
——, P.
Barbour: P. White as man and citizen, 223
Mining industry of northern Mich., 6899
Williams, G. M.: In memory of, 6945
——, R. D.: Honorable P. White, 6955, 6956
White captive
Ford: White captive, 1727
Whitefish Bay
Coast chart no. 1, east end of Lake Superior, by U. S. War dept., 7926
—— Point
Ruthven: Miscellaneous papers on zoology, 6057
Whitehouse, R. T.
Mich. judicature act of 1915, 6900
WHITE ISLANDER
Catherwood: White Islander, 621
—— Lake Harbor
Poe: Annual report upon improvement of certain rivers and harbors, 5752
—— Pigeon beet sugar co.
Michigan. Legislature. House. Committee on the White Pigeon beet sugar co.: Report of committee to whom was referred petition of stockholders, 4289
—— Pigeon
[A brief sketch of an interesting old town], 6902
Ordinances, 6901
—— pine
Wheeler: Sketch of original distribution in Lower Peninsula, 6888
—— printing co.
Auto guide for Grand Rapids and western Mich., 6903
Street and railway service directory of Grand Rapids, 6904
—— slave traffic
Wright: Ella, 7046
—— star line
Daylight trips on Detroit and St. Clair rivers, 6905
Whitford, H. N.
Genetic development of forests of northern Mich., 6906
Whiting, H.
Discourse before Historical society of Mich., 6907
Michigan. Historical society: Historical and scientific sketches of Mich., 3807
Remarks on supposed tides, and periodical rise and fall of North American lakes, 6908
Whitney, A. C.
Pontiac, a drama of old Detroit, 6909
——, A. S.
Education at U. of M., 6910
Status of superintendents, principals and teachers of high schools of Mich., 6911
——, C.
Burton: Diary of Detroit, for trial of, 8271
——, J. D.
Foster: Report on Lake Superior land district, 1736, 1737
Geological map of district between Keweenaw Bay and Chocolate River, 7809
—— —— of Lake Superior land district, 7808
Section and diagram illustrating geology of region between north shores of lakes Superior and Michigan, 7810
——, M.
Field operations of bureau of soils, 6912
——, W. A.
Historical and biographical record of Lenawee co., 6913

WHITTAKER, F.
  Popular life of Gen. G. A. Custer, 6914
Whittier, C. A.
  In Mich. lumber camps, 6915
———, J. G.
  [Harford]: Short sketch of life and services of J. Walker, 2040
Whittlesey, C.
  Ancient mining on shores of Lake Superior, 6916
  Gen. Wadsworth's division, War of 1812, 6917
  Miskouaki: Indian affairs around Detroit in 1706, 5459
  Papers relating to expeditions of Col. Bradstreet and Col. Boquet, in Ohio in 1764, 6918
  Railway connections with Lake Superior, 6919
Wickes bros.
  Map of Ann Arbor, 7611
Widdicomb, W.
  Address in commemoration of semicentennial anniversary of incorporation of Grand Rapids as city, 6920
  Early history of furniture industry in Grand Rapids, 6921
  The mahogany tree, 6922
Wight, J. M.
  In memoriam, 2310
Wightman, J.
  New emigrant's map of Mich., 7166
Wilber, H. Z.
  American schoolmaster, 83
  Western journal of education, 6870
———, M. D.
  Report on Detroit park bill, 6923
  Speech advocating construction of Mich. ship canal, 6924
Wilbur, C. L.
  Collection and registration of vital statistics, 6925
Wilcox, D. F.
  Municipal government in Mich. and Ohio, 6926
  Report on sheriff's office, Kent co., 6927
Wilder, H. J.
  U. S. Dept. of agriculture: Soil survey of Pontiac area, 6662
———, O.
  Plan of Marshall, 7744
Wilderness, Battle of
  Kidd: Mich. cavalry brigade in Wilderness, 2527
Wilgus, W. J.
  Detroit River tunnel, 6928
  ——— ——— ——— co.: Detroit River tunnel, 1499
Wilkeson, D.
  Hodge: Papers concerning early navigation of Great Lakes, 2179
Wilkin, F. A.
  Small fruit culture, 6929
Wilkins, R.
  Mss., 8065, 8098, 8101, 8103
WILKINSON, A. H., see Wilkinson and Post
———, R. B.
  Treatise on law of mechanics' liens on real property, 6930
———, S. E.
  Greetings from U. S. S. Mich., 6931
——— and Post
  Mss., 8159, 8162, 8167, 8168
Willard, G.
  Counting electoral votes, 6932
Willcox, E. N., see Willcox, Sheldon and Gray
———, O. B.
  Instruction in field artillery, 6933
  Shoepac recollections, 6934, 6935
———, Sheldon and Gray
  Mss., 8043
Williams, A.
  Prohibition and woman suffrage, 6936
  Prohibition reform party, 6937, 6938
———, A. L.
  Memorial relative to examination into affairs of Amboy, Lansing and Traverse Bay railroad, 6939
———, A. S.
  Greusel: Gen. A. S. Williams, 1992
  Monument association
    Minutes on death of J. L. Hudson, 1794
  U. S. 45th Cong., 3d sess.: Memorial address on life and character, 6637
———, C. D.
  Second annual address at 74th annual convention, diocese of Mich., 6940
———, C. L.
  Goldberger: Report of investigation of diphtheria carriers, 1822
———, C. P.
  Geological map of trap range of Keweenaw Point, 7783
———, C. S.
  Grand Rapids directory, 6941
———, Gardner S.
  Reports on valuation and extension of Ann Arbor water works, 6942
  Some Detroit hydraulic experiments, 6943
———, George H.
  Greenstone schist areas of the Menominee and Marquette regions, 6944
———, George P.
  Campbell: Memorial discourse, 570
———, G. Mott
  In memory of P. White, 6945
———, J. M.
  Cargo book, 8608
———, J. R.
  Account book, 8609
  Cash book, 8610
  Day books, 8611
  Ledgers, 8612
  Letter book, 8613
  Mss., 8038, 8118, 8125, 8127, 8128, 8148, 8151, 8156
  Sales book, 8614
———, —. —., estate
  Check stub-book, 8615

WILLIAMS, L.
Lyon. Letters, 2780, 2781
[**———, L. F.**]
[Friendly fellows of furniture town], 6946
———, M. C.
Early Mackinac, 6947-6950
Early Protestant mission on Mackinac Island, 6951, 6952
Old mission church of Mackinac Island, 6953
———, N. H.
Mich. first regiment, 6954
———, R. D.
Hon. P. White, 6955, 6956
———, S.
Two western campaigns in War of 1812-13, 6957
———, S. P.
S. P. Williams, in memoriam, 6137
———, T.
Day books, 8616
Ledgers, 8617
Mss., 8147, 8151, 8156
———, William K.
Michigan. Laws, statutes, etc.: Mich. farm laws, 3860
———, Wolcott B.
Duty of state to meet every educational want, 6958
History of Olivet college, 6959
———, O. E., aeroplane co.
Concerning our exhibition machines, 6960
——— and Burnham
Pocket guide to Detroit, 6961
Willits, E.
Inaugural address, 6962
Michigan. University: Memorial, 5196
Willmarth, H.
Memorandum books, 8618
Willits and Waters
City of Coldwater, 7614
Wills
Beecher: Law of wills, 330
Michigan trust co.: Laws relating to descent and distribution of property, 5429
Wilmarth, L. T.
Michigan. Housing commission: Report, 3811
Wilmer Atkinson co., see Farm journal directory
Wilson, E. S.
History of Grand Rapids fire dept., 6963
———, F. E.
Peace of Mad Anthony, 6964
Treaty of Greenville, 6965
———, J.
Michigan. Legislature. Senate. Committee on agriculture or horse racing: Report [relative to petition for law to authorize J. Wilson to construct race track], 4438
WILSON, T.
Arkansas traveller, 6966
Sons of the American revolution. District of Columbia society: Battle fields of Maumee valley, 6334
Winans, Edwin B.
Michigan. Governor: [Messages and pardons], 3741-3743
———, Eva
Burnham vs. Interstate casualty co., 8257
Winchell, A.
Description of elephantine molars in museum of university, 6967
——— — fossils from Marshall and Huron groups, 6968
——— — — new species of fossils from Marshall group, 6969
Diagonal system in physical features of Mich., 6970
Douglass Houghton, 6971
Field studies in Archaean rocks of Minnesota, with accessory observations in Ontario, Michigan, and Wisconsin, 6972
Geological map of Mich. and Wis., 7246
Geological society of America: Memorial sketch and eulogium, 1800
Geology of Washtenaw co., 6973
Grand Traverse region, 6974
Isothermals of lake region, 6975
List of books and papers published by, 6976
Memorial discourse on life and services of Rev. B. F. Cocker, 6977
——— ——— — —— — ——— — Rev. E. O. Haven, 6978
Memorial, 6979
Mich., 6980
Michigan. Geological survey: Climate of Mich., 3560
———. ——— ———: First biennial report, 3565
———. ——— ———: Outline of proposed final report, 3566
———. ——— ———: Report on progress of state survey, 3572
———. State agricultural society: Three lectures, 4849
———. University. Memorial addresses at funeral of Prof. Watson, 5197
———. ———. Museum: Report on collections in geology, zoology and botany, 5306
———. ———. ———: Statement of operations, 5307
Notes on Selandria Cerasi Harris as it occurs at Ann Arbor, 6981
Notice of rocks lying between carboniferous limestones of Lower Peninsula, 6982
——— of small collection of fossils from Potsdam sandstone of Wis. and Lake Superior sandstone of Mich., 6983
Notices and descriptions of fossils from Marshall group of western states, 6984
Oil region of Mich., 6985

WINCHELL, A.—Continued
On saliferous rocks and salt springs of Mich., 6986
Rectification of geological map of Mich., 6987
Salt manufacture of Saginaw valley, 6988
Some indications of northward transportation of drift materials in Lower Peninsula, 6989
[Statement of operations in museum and in dept. of geology, zoology and botany of U. of M.], 6990

————, N. H.
Crucial points in geology of Lake Superior region, 6991
Economic geology of region of Cheboygan and old Mackinac, 6992

Winder, J.
Bank book, 8619

Wing, N. H.
Check stub-book, 8620
Diary, 8621
Land books, 8622
Ledgers, 8623
Mss., 8067, 8120, 8124, 8192
Memoranda of demands, 8624

——, —. —., estate
Bank book, 8625-8627
Cash books, 8628
Check stub-books, 8629
Inventory book, 8630

——, T. E.
History of Monroe co., 6993

Winship, J. O.
Miscellaneous mss., 8126

Winsor, J.
Joliet, Marquette and LaSalle, 6994
Pageant of Saint Lusson, 6995

Winter, O. B.
Durability of concrete drain tile, 6996

Wisconsin valley railroad
Joy: Mss., 8136, 8138

Wisner, G. W.
Address to people of 3d congressional district, 6997
Protest against adoption of report to investigate official conduct of Judge G. Morell, 6998

———, M.
Michigan. Governor: [Messages], 3670-3672

Wit and humor, see American wit and humor

Witbeck
Quadrangle map, see Quadrangle maps

Witherell, Mrs. A.
Palmer: Mss., 8200

————, J.
Palmer: Mss., 8200

————, P.
Palmer: Mss., 8200

Withey, S. L.
Photographic album, 5732

Withington, W.
Cutting to quick, 6999

WITHINGTON, W. H.
First call of Civil war, 7000
Mich. in opening of war, 7001
————. Political science association: City government, 4792

Witnesses
Michigan. Legislature. House. Committee on the judiciary: Report relative to amending compiled laws in regard to competency of, 4115
————. ————. ————. ———— —— —— ————: Report relative to fees in criminal cases, 4122
————. ————. ————. Select committee: Report of committee to whom were referred petitions for law for protection, 4362
See also Evidence; Trials

[Wittemann, A.]
Grand Rapids, 7002

Wolcott, W.
Michigan. Legislature. House. Committee on the judiciary: Report of committee to whom was referred petition for act to authorize W. F. Wolcott to convey land, 4152

Wolf, G. A.
Against revision, reasons advanced for considering present state constitution adequate, 7003

Wolfschlaeger, L., estate
Disbursements by M. E. Woodworth, administrator, 8631

Wolverine
Polk & co.: Directory, 5765
————, The, 7004

———— automobile club
By-laws, articles of association, 7005

———— brass works
Illustrated catalog H., 7006

———— directory co.
Port Huron city directory, 7007
St. Clair co. directory, 7008

———— knitting co., Detroit
Record book, 8632

Wolverines we know
Michigan. Society of New York: Wolverines we know, 4841

Wolves
Michigan. Legislature. Senate. Committee on state affairs: Report of committee to whom was committed document in regard to act for destruction of wolves, 4691

Woman's Christian temperance union of Michigan
Proceedings of annual convention, 7009

———— press association, see Michigan. Woman's press association

———— ———— club, see Michigan. Woman's press club

———— progress co.
Woman's progress among the schools and colleges, 7010

WOMAN'S RELIEF CORPS
Dept. of Michigan
 Corps no. 7
  Roster of members, 7013
 Journal of annual convention, 7011
 Roll of members, 7012
Detroit tribune: Veteran soldiers' and sailors' handbook, 1492
Veteran publishing co.: The veteran, 6761

——— **veteran relief union**
Detroit tribune: Veteran soldiers' and sailors' handbook, 1492

——— **whist league**
Woman's whist league contests and rules, 7014

Women
Clubs
 Club register co.: Annual directory, 713
 King: Prose and verse for use on "Forestry day" programs, 2530
 Michigan. State federation of women's clubs: Corresponding secretary's report, 4960
 ———. ——— ——— — ———: Directory, 4961
 ———. ——— ——— — ———: Handbook of outlines, 4962
 ———. ——— ——— — ———: Manual, 4963
 ———. ——— ——— — ———: Mich. club bulletin, 4964
 ———. ——— ——— — ———: [Program of] annual convention, 4965
 ———. ——— ——— — ———: Report, 4966
 ———. ——— ——— — ———: Year book, 4967
 Perry: L. H. Stone, 5709
 Spencer: Women's clubs and public libraries, 6362
 See also Detroit club woman; Grand Rapids. Federation of women's clubs
Criminal
 Parker: Public-health subjects before American social science association, 5646
Education
 Michigan. Legislature. House. Committee on education: Report relative to higher education, 4018
 ———. ———. Senate. Committee on state affairs: Report relative to establishment of female dept. in university, 4689
 ———. University. Medical school: Memorial on female medical education, 5303
 Pierce: Memorial relative to establishment of female college, 5737
 Rogers: Memorial in behalf of Michigan female college, 6000

WOMEN—Continued
 Woman's progress co.: Woman's progress among schools and colleges, 7010
 See also Women. Schools
Ellet: Pioneer women of West, 1588
Employment
 Michigan. Commission of inquiry on minimum wage legislation for women: Report, 3262
 ———. Dept. of labor: Sections of act relating to employment of females and minors, 3352
 ———. Laws, statutes, etc.: Act creating dept. of labor, 3896
Farm
 Buell: One woman's work, 483
Improvement association of Grosse Ile Treaty tree and memorial tablet, 7015
Legal status
 Arthur: Progress of Mich. women, 156
 Hunt: Mich. laws relating to women and girls, 2268
 Michigan. Laws, statutes, etc.: Laws relating to, 3940
 Root: Legal condition of girls and women in Mich., 6026
Minimum wage
 Michigan. Commission of inquiry into minimum wage for women: [Report], 8468
 ———. State library. Legislative reference dept.: Laws relating to minimum wage, 5057
 ———. University. Medical school: Memorial on female medical education, 5303
Political status
 Rembaugh: Political status of women in U. S., 5946
 See also Women. Suffrage
Schools
 Clark's, Misses, young ladies' seminary: Prospectus, 702
 ———, ———, ——— ——— ———: Report and catalogue, 703
 Michigan female seminary: Fourth annual catalogue, 5398
 ——— ——— ———: Circular, 5399
 Somerville school for young ladies: Annual circular, 6332
 ——— ——— ——— ——— ———: Somerville school, 6333
 See also Detroit female seminary; Education; Schools; Women. Education
Suffrage
 Michigan. Legislature. House. Committee on elections: Report of committee [to whom was referred petition for extending elective franchise to women], 4047

WOMEN—Continued
———. ————. Senate. Committee on privileges and elections: Report relative to extending elective franchise to certain citizens, 4630
———. ————. ———. Committee on state affairs: Report upon memorials of ladies praying legislature to grant privilege of elective franchise, 4692
Williams: Prohibition and woman suffrage, 6936
Temperance
Smart: Sermon on women's temperance crusade, 6262
Wood, D.
Report in reference to establishment of school of technology in U. of M., 7016
——, E. O.
History of Genesee co., 7017
——, J. R.
Official railway guide of Mich., 7018
——, L. H.
Physical, industrial and sectional geography of Mich., 7019
——, N. A.
Adams: Ecological survey in northern Mich., for paper by, 6
Discovery of breeding areas of Kirtland's warbler, 7020
Notes on birds of Au Sable valley, 7021
——— — occurrence of Yellow rail in Mich., 7022
——— — spring migration (1907) at Ann Arbor, 7023
Some new and rare bird records for Mich., 7024
Some records of fall migration of 1906, 7025
Twenty-five years of bird migration at Ann Arbor, 7026
——, N. B.
Lives of famous Indian chiefs, 7027, 7028
——, W. R.
Chapman's sectional map of region around Lake Superior, 7400
Woodard, C. S.
City of Ypsilanti, 7755
Woodbridge, Mrs. J. T.
Memoir of, 2939
————, W.
Account book, 8633-8635
Address before Detroit young men's society, 7029
Bank book, 8636, 8637
Cash books, 8638
Claim books, 8639
Diaries, 8640
Lanman: Life of, 2616
Ledger, 8641
Ledger accounts, 8642
Letter to Hon. A. Edwards, 7030
Mss., 8051, 8066
Memorial on subject of limits of Detroit, 7031

WOODBRIDGE, W.—Continued
———— for relief against taxes and other burthens in 9th ward, Detroit, 7032
Michigan. Governor: [Messages and communications], 3608-3629
————. Legislature. Senate. Committee on state affairs: Documents in relation to certain university and state lands, 4676
Speech in support of bill to apply certain alternate sections of public lands towards completion of works of internal improvement, 7033
See also U. S. Custom house. Detroit
Woodhouse, W.
Michigan. Legislature. Senate. Committee on state affairs: Report of committee to whom was referred resolution for relief, 4693
Woodlawn
Polk & co.: Directory, 5767
Woodlots
Baker: Mich. woodlot, 199
Clark: Woodlot forestry, 698
Frothingham: Selling woodlot products, 1769
Woodmere
New map, by S. Farmer & co., 7676
—— —— of Detroit and suburbs, by S. Farmer & co., 7681
Woodruff, R. O.
Water power bill, 7034
Wood-using industries
Maxwell: Wood-using industries, 2924
Woodward, A. B.
Early Detroit documents, 8045
Moore: A. B. Woodward, 5474
[———]: Governor, judge and priest, 5477
Plat of property on turnpike, 7870
U. S. Congress. House. Committee on affairs in the Territory of Mich.: Report, 6658
———— **code,** see Michigan (Ter.) Laws, statutes, etc.
———— **Heights**
Map, by Stewart and Fry, 7727
Woodwardville
Plat, 7754
Wool
McGraw & co.: Mss., 8159, 8160, 8161, 8162, 8167
Mumford: Production and marketing, 5503
See also Sheep; Ypsilanti woolen manufacturing co.
Woolsey, T. S., jr.
Norway pine in lake states, 7035
Woolson, C. F.
Anne, 7036, 7037
Castle Nowhere, 7038
Worcester, W. L.
Diphtheria in Mich. asylum for insane, at Kalamazoo, 7039
Work horses, see Horses

WORKHOUSES, see Almshouses and workhouses
Workmen's compensation laws
Detroit. Trust co.: Workmen's compensation law, 1356
Michigan. Laws, statutes, etc.: Mich. employers' liability, 3858
———. ———, ———, ———.: Workmen's compensation law, 3941
Workmen's compensation law, 7040
World's Columbian exposition, see Michigan. Board of World's fair managers
Worsfield, W.
Special danger near switches on railroad tracks, 7041
Wrestling
Biographical sketches of Col. J. H. McLaughlin and H. M. Dufur, 372
Wright, C. E.
Lane: Geology of lower Mich., 2601
Michigan. Geological survey: Report, 3570
———, E. J.
Assessor's manual, 7043
Ionia in 1891, 7042
———, James N.
Development of copper industry of northern Mich., 7044
Where copper was king, 7045
———, John
[Hubbard]: Geological survey, 2244
———, John C.
Ella, 7046
Lays of lakes, 7047
Northern breezes, 7048, 7049
Ottawan, 7050
Stories of crooked tree, 7051, 7052
———, J. L., & bros.
Balance book, 8643
———, L. L.
Michigan. Dept. of public instruction: Course of study, 3376
———. ———. — ——— ———: School grounds, 3428
———. ———. — ——— ———: Selected list of children's books, 3432
———. ———. — ——— ———: Special day programs, 3435
———, Mayor
Bay City. Mayor: Message, 280
———, P. P.
Mss., 8141, 8142
———, S. B.
S. B. Wright day nursery: Annual report, 6343
———, T.
American Sunday school union: Reports, 84
———, W. T.
Life and thrilling incidents in history of E. Watson, 2738
Wrinkle, University of Michigan, 7053
WYANDOTTE
Dau's blue book, 913
Map of west half of Wayne co., 7600
Polk & co.: Directory, 5787
Quadrangle map, see Quadrangle maps
Village of, 6766
——— Heights
Polk & co.: Directory, 5787
——— publishing co.
Souvenir Wyandotte postal guide, 7054
——— rolling mill and Eureka iron co.
Lake Superior iron, 2590
Wyer, R.
Art museum, 7055
Wykes, R. I.
Michigan. Commission of inquiry into taxation: Report, 3266, 3267
Wyman, H. C.
The poorhouse, 7056
Smith: Biographical sketch, 6291

Yale
Wolverine directory co.: St. Clair co. directory, 7008
Yellow rail
Wood: Notes on occurrence in Mich., 7022
Young, J. H.
Tourist's pocket map of Mich., 7173, 7181
———, W. T.
Key to revised statutes of 1846, 3895
Sketch of life and public services of Gen. L. Cass, 7057, 7058
——— and co.
Business and professional directory [of central Mich.], 7059
——— ladies' seminary and collegiate institute, Monroe
Annual catalogue, 7060
——— men's Christian association, see Michigan. Young men's Christian association
Youngstrand, C. O.
Newspaper cartoonists' association of Michigan: Gallery of pen sketches, 5540
Ypsilanti
Bank
Michigan. Legislature. House. Committee to investigate Bank of Ypsilanti: Report, 3984
Board of education
Biennial catalogue and circular of Ypsilanti union seminary, 7061
Catalog of Ypsilanti high school, 7062
——— — underwriters
Constitution and by-laws, 7063
——— — water commissioners
First annual report, 7064
Charter, 7065-7068
Dau's blue book, 913

YPSILANTI—Continued
- Description
  - Allgemeiner arbeiter-bund: Souvenir program, 64
- Directories
  - Mills: Ann Arbor-Ypsilanti directory, 5450
  - Mills, G. V., directory co.: Directory, 5452
  - Polk & co.: Directory, 5759
  - Pray: Washtenaw co. directory, 5866
  - Wendell directory co.: Washtenaw co. directory, 6861
- Healing waters, 2093
- High school, see Ypsilanti. Board of education
- History
  - Foster: Past of Ypsilanti, 1735
- Map
  - City of Ypsilanti, by C. S. Woodard, 7755
- Quadrangle map, see Quadrangle maps
- Union seminary, see Ypsilanti. Board of education
- Vestry of St. Luke's church
  - In memoriam, W. H. Gardam, 7069
- Ypsilanti woolen manufacturing co.
  - Memorial, 7071
- ——— and Tecumseh railroad
  - Michigan. Auditor general's office: Communication relative to, 3094
  - ———. Commissioners for settlement with Ypsilanti and Tecumseh railroad co.: Report, 3293
  - ———. Legislature. Senate. Committee on internal improvement: Report relative to,4548

YPSILANTI—Continued
- Report, 7070
- ——— normal, see Michigan. State normal college

Z

Zeeland
- Historical souvenir of celebration of 60th anniversary of colonization of Hollanders, 2139

Zeisberger, D.
- De Schweinitz: Life and times, 951
- Diary, 7072
- Mitchener: Ohio annals, 5464
- Rice: D. Zeisberger, 5968

Zoology
- Adams: Ecological survey of Isle Royale, 7
- Michigan. Geological survey: Annual report, 3559
- ———. ——— ———: First biennial report, 3565
- ———. University. Museum of natural history: Catalogue, 5309
- Reighard: Ecological reconnoissance of fishes of Douglas Lake, 5945
- Ruthven: Miscellaneous papers, 6057
- Strang: Some remarks on natural history of Beaver Islands, 6430

Zuck, J. Q.
- Missaukee county. School commissioner: Missaukee schools, 5461

Zug, S.
- Mss., 8165

173217

HUS.Bb
M6243m

Author Michigan Historical Commission

Title Michigan bibliography; prepared by Streeter.
Vol.2.

DATE.

NAME OF BORRO

University of Toronto
Library

DO NOT
REMOVE
THE
CARD
FROM
THIS
POCKET

Acme Library Card Pocket
Under Pat. "Ref. Index File"
Made by LIBRARY BUREAU